HEMS

HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

BRITISH ENGINEERING. TRUSTED GLOBALLY

KEEP YOUR EARTH MOVING MACHINERY MOVING

PRODUCT CATALOGUE

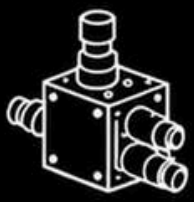
GLOBAL TOOLING SUPPLIER

SUPPLYING THE GLOBAL HEAVY EQUIPMENT INDUSTRY

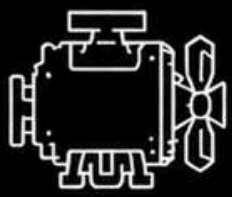
2026 EDITION



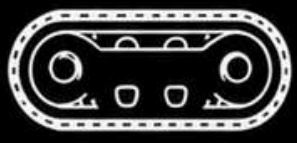
CYLINDER REPAIRS



HYDRAULIC REPAIRS



ENGINE REPAIRS



UNDERCARRIAGE REPAIRS



HAND TOOLS

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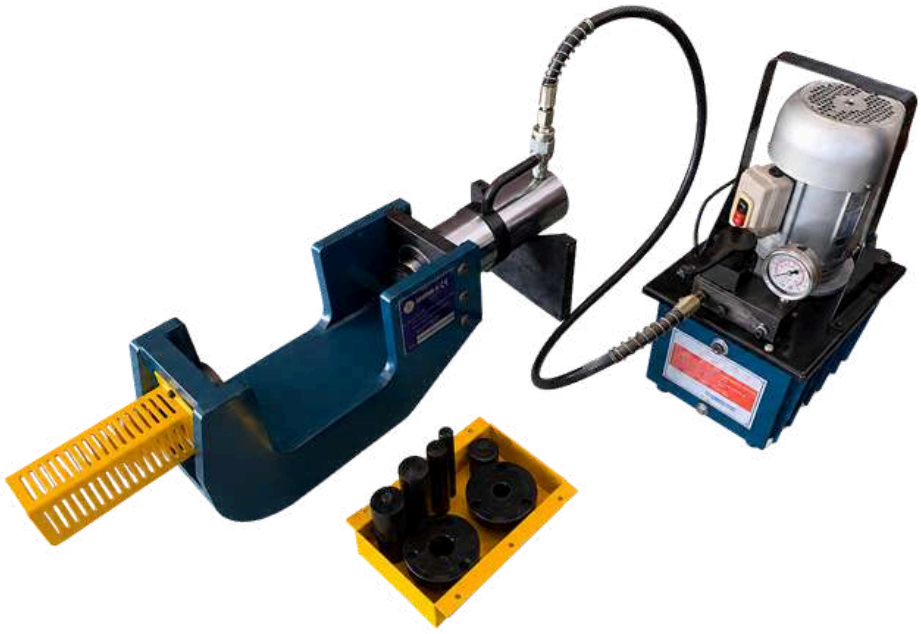
HEPP 30T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

30 TON ELECTRIC / MANUAL

5 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 30T
Capacity	30 Ton
Stroke	200 mm
Working Pressure	700 kg/cm²
Weight (Approx.)	28.5 kg
Minimum Pin Diameter	18 mm
Maximum Pin Diameter	36.2 mm
Minimum Pin Length	90 mm
Maximum Pin Length	170 mm

HEPP 50T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

50 TON ELECTRIC / MANUAL

4 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 50T
Capacity	50 Ton
Stroke	250 mm
Working Pressure	700 kg/cm²
Weight (Approx.)	85 kg
Minimum Pin Diameter	19.3 mm
Maximum Pin Diameter	36.3 mm
Minimum Pin Length	133 mm
Maximum Pin Length	178 mm

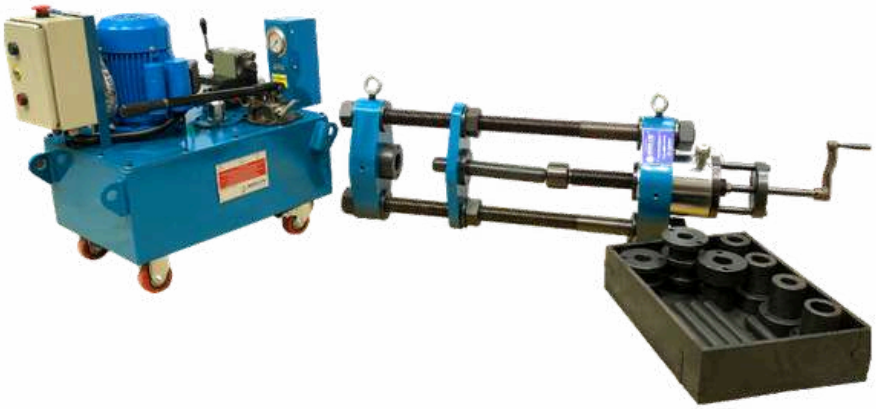
HEPP 65T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

65 TON ELECTRIC / MANUAL

6 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS	
Model	HEPP 65T
Capacity	65 Ton
Stroke	60 mm
Working Pressure	700 kg/cm²
Weight (Approx.)	130 kg
Minimum Pin Diameter	30.1 mm
Maximum Pin Diameter	52.3 mm
Minimum Pin Length	-
Maximum Pin Length	300 mm

HEPP 100T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

100 TON ELECTRIC / MANUAL

10 SETS OF UNIVERSAL TOOLING INCLUDED

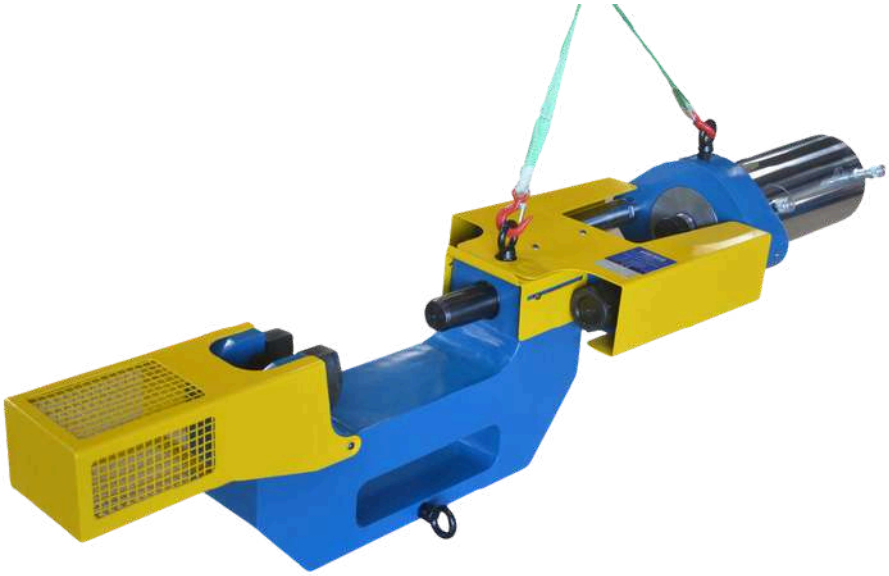


SPECIFICATIONS	
Model	HEPP 100T
Capacity	100 Ton
Stroke	350 mm
Working Pressure	650 kg/cm²
Weight (Approx.)	205 kg
Minimum Pin Diameter	19.3 mm
Maximum Pin Diameter	60.2 mm
Minimum Pin Length	160 mm
Maximum Pin Length	320 mm

HEPP 150T
MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

150 TON ELECTRIC / MANUAL
12 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 150T
Capacity	150 Ton
Stroke	350 mm
Working Pressure	650 kg/cm²
Weight (Approx.)	480 kg
Minimum Pin Diameter	23.7 mm
Maximum Pin Diameter	70 mm
Minimum Pin Length	311 mm
Maximum Pin Length	365 mm

HEPP 200T
MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

200 TON ELECTRIC
15 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 200T
Capacity	200 Ton
Stroke	350 mm
Working Pressure	650 kg/cm²
Weight (Approx.)	630 kg
Minimum Pin Diameter	19.3 mm
Maximum Pin Diameter	76.2 mm
Minimum Pin Length	311 mm
Maximum Pin Length	415 mm

HEPP 230T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

230 TON ELECTRIC

7 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS	
Model	HEPP 230T
Capacity	230 Ton
Stroke	350 mm
Working Pressure	650 kg/cm²
Weight (Approx.)	680 kg
Minimum Pin Diameter	22 mm
Maximum Pin Diameter	85 mm
Minimum Pin Length	360 mm
Maximum Pin Length	425 mm

HEPP 250T

MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

250 TON ELECTRIC

7 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS	
Model	HEPP 250T
Capacity	250 Ton
Stroke	350 mm
Working Pressure	650 kg/cm²
Weight (Approx.)	810 kg
Minimum Pin Diameter	22 mm
Maximum Pin Diameter	85 mm
Minimum Pin Length	360 mm
Maximum Pin Length	425 mm

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HEPP 300T
MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

300 TON ELECTRIC
15 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 300T
Capacity	300 Ton
Stroke	600 mm
Working Pressure	644 kg/cm²
Weight (Approx.)	1420 kg
Minimum Pin Diameter	36.4 mm
Maximum Pin Diameter	85 mm
Minimum Pin Length	360 mm
Maximum Pin Length	425 mm

HEPP 400T
MASTER PIN PUSHER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

400 TON ELECTRIC
15 SETS OF UNIVERSAL TOOLING INCLUDED



SPECIFICATIONS

Model	HEPP 400T
Capacity	400 Ton
Stroke	500 mm
Working Pressure	660 kg/cm²
Weight (Approx.)	1480 kg
Minimum Pin Diameter	60 mm
Maximum Pin Diameter	105.2 mm
Minimum Pin Length	400 mm
Maximum Pin Length	400 mm

ADDITIONAL ATTACHMENTS

Included with Master Pin Pusher Packages (Excluding 30T and 65T Models)



SPARE SEAL KIT
Cylinder & Pump Unit



TOOLING
Included



TELESCOPIC TRIPOD
1 T Capacity



HAND TOOL SET
Spanner & Allen Keys



DIRECTIONAL CONTROL VALVE
Spare Unit



CHAIN PULLEY
Included



RUBBERISED HOSE KIT
4 m Hoses & Couplers



LIFTING BELT
1 T Capacity



20 T FLAT JACK
Bushing Removal

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HE-PP 30/50T

PIN PULLER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

30/50 TON PIN PULLER
TOOLING INCLUDED



SPECIFICATIONS

Model	HE-PP 30/50 T
Stroke	50 mm / 100 mm
Closed Height	245 mm / 255 mm
Outer Diameter	115 mm / 150 mm
Bore Diameter	95 mm / 135 mm
Ram Diameter	80 mm / 110 mm
Centre Hole	33 mm / 42 mm
Effective Area	42.6 sq/cm / 78.5 sq/cm
Max Diameter Pin	38 mm / 55 mm

HE-PP 100T

PIN PULLER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

100 TON PIN PULLER
TOOLING INCLUDED



SPECIFICATIONS

Model	HE-PP 100 T
Stroke	100 mm
Closed Height	295 mm
Outer Diameter	215 mm
Bore Diameter	180 mm
Ram Diameter	150 mm
Centre Hole	77 mm
Effective Area	141.4 sq/cm
Max Diameter Pin	90 mm

HE-PP 150T

PIN PULLER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

150 TON PIN PULLER

TOOLING INCLUDED



SPECIFICATIONS

Model	HE-PP 150 T
Stroke	100 mm
Closed Height	325 mm
Outer Diameter	245 mm
Bore Diameter	200 mm
Ram Diameter	150 mm
Centre Hole	80 mm
Effective Area	235.6 sq/cm
Max Diameter Pin	140 mm

HE-PP 200T

PIN PULLER

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

200 TON PIN PULLER

TOOLING INCLUDED



SPECIFICATIONS

Model	HE-PP 200 T
Stroke	100 mm
Closed Height	350 mm
Outer Diameter	290 mm
Bore Diameter	220 mm
Ram Diameter	160 mm
Centre Hole	80 mm
Effective Area	235.6 sq/cm
Max Diameter Pin	185 mm

HE-DAP 65T

DUAL ACTION PRESS

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

65 TON ELECTRIC / MANUAL

TOOLING INCLUDED



SPECIFICATIONS

Model	HE-DAP 65T E	HE-DAP 65T M
Capacity	65 Ton	
Stroke	60 mm	
Working Pressure	700 kg/cm²	
Approx Weight	200 kg	
Operation	Dual Control Pump	Manual Control Pump
Pushing Pins	6 Sets covering 30.1 mm - 52.3 mm	
Pulling Pins	Tooling set to pull pins up to 62 mm	
Min Diameter	30.1 mm	
Max Diameter	52.3 mm	

HE-ECPP

HYDRAULIC POWER PACK

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Control	Wireless Remote
Operational Range	Up to 20 Meters
Tank Type	Heavy Duty Steel
Voltage	12 v / 24 v Options
Oil Capacity	Approx. 10-12 Litres
Applications	Truck, Plant, Agricultural Machinery

HEMS
HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

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BATTERY-POWERED POWER PACK

The **HEMS LTD** battery-powered hydraulic power pack delivers reliable, mobile and emission-free hydraulic power for maintenance, lifting, servicing and special applications in remote or power limited locations. Fast to deploy, easy to use and built for durability, it helps your team work safer, cleaner and more efficiently.



KEY SPECIFICATIONS

Battery (CTG EV LFP)	51.2 V / 100 Ah (LiFePO4)
Motor Size	2Hp (1.5 kW) 48 V DC, 1500 RPM
Oil Reservoir Capacity	28 Litres
Max. Working Pressure	700 bar (10,000 PSI)
Oil Flow (at rated pressure)	0.9 LPM
Hydraulic Ports	2 forward and return with 3/8" NPT QRCs
Operation	Pendant, corded 3 metre cable

KEY SPECIFICATIONS

ZERO EMISSIONS OPERATION
No exhaust fumes, ideal for indoor urban and environmentally sensitive areas.

CORDLESS FREEDOM
Fully self-contained battery power.
No external generators or power cables required.

BUILT TO LAST
Robust contrustion for demanding industrial and heavy equipment applications.

COMPACT & MOBILE
Integrated canopy, push handle and heavy-duty castors for easy movement.

QUIET PERFORMANCE
Low noise levels for a better and safer working environment.

FAST TO DEPLOY
Simple setup and easy operation reduces downtime and gets you working quickly

SUITABLE FOR:

- Construction & Infastructure
- Heavy Equipement Maintenance
- Plant shutdowns & Tumarounds
- Bridge & Civil Engineering
- Hydraulic Tools & Special Applications

KEY COMPONENTS:



LITHIUM BATTERY PACK
51.2 V / 100 Ah (LiFePO4)



HYDRAULIC POWER PACK
High performance, reliable operation



PENDANT COINTROL
Simple and safe operation



HEAVY-DUTY CASTORS
For easy mobility on site

BATTERY POWER SYSTEM

REMOVABLE LITHIUM BATTERY & EXTERNAL CHARGER

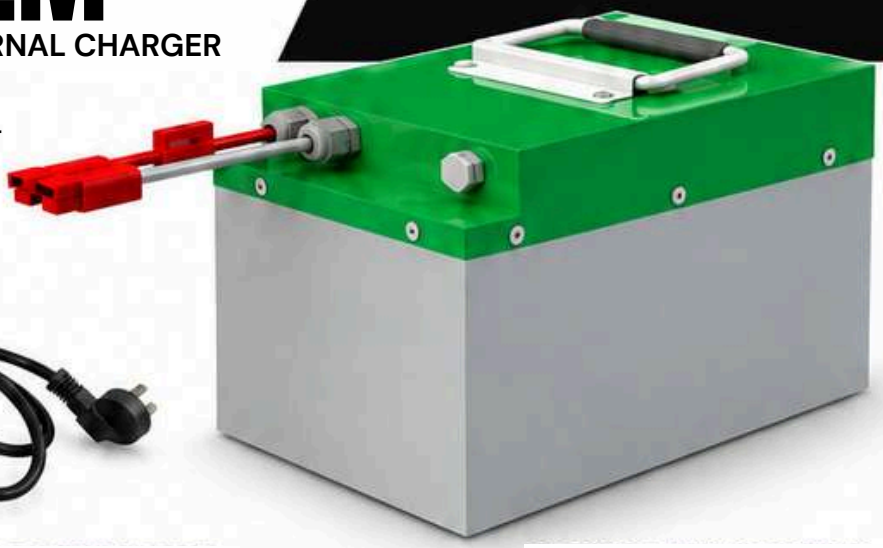
MOBILE POWER

FLEXIBLE. RELIABLE.
MADE FOR YOU.

High-performance $LiFePO_4$ battery power for mobile hydraulic equipment, remote maintenance and power-limited locations.



EXTERNAL BATTERY CHARGER
58.4 V / 2.9 - 3.0 kW



REMOVABLE LITHIUM BATTERY
51.2 V / 100 Ah / 5.12 kWh

BATTERY SPECIFICATIONS:

Battery Chemistry	$LiFePO_4$ (LFP)
Nominal Voltage	51.2 V
Capacity	100 Ah
Energy Capacity	5.12 kWh
Operating Voltage	44.8 - 58.4 V
Standard charge current	0.3C = 30 A
Maxium charge current	1C = 100 A
Standard discharge current	1C = 100 A
Maximum discharge current	3C = 300 A
Dimensions (L x W XH)	459 X 364 X 180 mm
Approx. weight	45 Kg
Recommended charger	58.4 V / 30 A
Protection	Overcharge, over-discharge, overcurrent, short circuit and temperature protection.
BMS	Smart BMS option; monitoring of voltage, current, temperature and cell balance.
Warranty	3 years
Ingress protection	IP67

EXTERNAL BATTERY CHARGER:

Output Voltage	58.4 V DC
Output Power	Approx. 2.9 - 3.0 kW
Battery	51.2 V / 100 Ah $LiFePO_4$
Charging	CC/CV
Input	220-240 V AC, 50 Hz
Connection	Anderson connector or suitable high-current connector
Charging time	Approximately 2.5 - 3.0 hours from low state of charge, depending on BMS and CV taper

CORDLESS OPERATION
FREEDOM TO WORK ANYWHERE

ZERO EMISSIONS
CLEANER OPERATIONS FOR
A BRIGTHER TOMORROW

IP67 PROTECTION
BUILT FOR TOUGH ENVIRONMENTS

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HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

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KEEP YOUR EARTH MOVING MACHINERY MOVING

PORTABLE CYLINDER REPAIR BENCH KIT
PCRB-4000

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Torque Capacity of Nut Buster	49,759 Nm (350 bar)
Acting Cylinder	Single or Double
Maximum Cylinder Diameter	200 mm
Maximum Cylinder Weight	1000 Kg
Extraction Cylinder Capacity	10 T
Extraction Stroke	1000 mm
Extraction Open Length	2000 mm
Open Length with Extension Bar	3000 mm
Max Floor Space	2.8 Sq/m
Motor Power	3 HP
Hydraulic System Pressure	350 bar

COMPACT DESIGN
Fits into a 75" x 60" x 50" storage box

HYDRAULIC CONTROL
Hydraulic directional control valve with ratchet mechanism

3HP POWER PACK
Supplied with 3HP hydraulic power unit

PORTABLE CYLINDER REPAIR BENCH KIT
PCRB-5000

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Torque Capacity of Nut Buster	51,552 Nm
Acting Cylinder	Double
Maximum Cylinder Diameter	300 mm
Maximum Cylinder Weight	1200 Kg
Extraction Cylinder Capacity	10 T
Extraction Stroke	2000 mm
Extraction Open Length	2000 mm
Open Length with Extension Bar	5000 mm
Cylinder Additional Extension	1000 mm
Motor Power	3 HP
Hydraulic System Pressure	350 bar

DOUBLE ACTING TORQUE
Powerful double acting torque system

UP TO 1200 KG CAPACITY
Supports cylinders up to 1200 kg

350 BAR SYSTEM
High Pressure 350 bar hydraulic system

ATTACHMENTS INCLUDED

All the attachments you need for professional cylinder repair.



UNIVERSAL WRENCH



CLEVIS LOCK PLATES



SOCKET DRIVE SET



2 x SPANNER PLATES



V CHUCKS



MOUNTING BARS



GLAND NUT SPANNERS



3-SLOT SPANNER



GIANT NUT SPANNERS



CLEVIS SUPPORT



SPARE BED PLATE



CYLINDER EXTENSION BAR

SPECIFICATIONS

Model	PCRB-2000	PCRB-4000	PCRB-5000
Design	Portable Bench	Portable Bench	Portable Bench
Torque Capacity	7,500 Nm (350 bar)	49,759 Nm (350 bar)	51,552 Nm (350 bar)
Cylinder Operation	Single Acting	Double Acting	Double Acting
Maximum Outer Diameter	100 mm	200 mm	300 mm
Extension Cylinder Capacity	5 Ton	10 Ton	10 Ton
Extension Cylinder Stroke	600 mm	1000 mm	2000 mm
Bench Length	-	4265 mm	5500 mm
Motor Stroke	5 HP	3 HP	3 HP
Nut Runner Torque	250 Nm	250 Nm	250 Nm
Nut Runner Speed	14 - 100 RPM	14 - 100 RPM	14 - 100 RPM
Built-in Spanner	No	Yes	Yes
Hydraulic Pressure	300 bar	350 bar	350 bar
Hydraulic Reservoir Capacity	100 Litres	40 Litres	40 Litres
CE & UKCA Compliant	Yes	Yes	Yes

HEMS
HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

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SCISSOR JACKS

OPTIONAL ACCESSORY FOR PCRB

HEMS Scissor Jacks are optional accessories developed for easy use to adjust the barrel and ram height with precision. Comes with Nylon pad to safeguard ram surface. Easy to use and is suitable for both PCRB 4000 and PCRB 5000 models.

UP TO 1 TON LOAD CAPACITY



- SAFE OPERATION
- EASY TO USE
- LIGHT WEIGHT
- PRECISION HEIGHT ADJUSTMENT
- NYLON PAD PROTECTS RAM SURFACE

SUITABLE FOR:



Used with PCRB 4000



Used with PCRB 5000

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HEMS
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KEEP YOUR EARTH MOVING MACHINERY MOVING

CHAIN VISE STAND

A STRONG HOLD FOR A SMOOTHER SERVICE

STRONG GRIP
WITH HEAVY DUTY CHAINS

RUGGED CONSTRUCTION
FOR WORKSHOP & SITE USE

OPTIONAL MOBILE STAND
FOR EASY MOVEMENT

IDEAL FOR REPAIR & TESTING
KEEPS CYLINDER SECURE



VERSATILE. RELIABLE. PRACTICAL.

HEMS Chain Vise Stand is designed for hydraulic repair shops and service centers, specially at site where no other option is available to repair the cylinder. Designed for smaller cylinders and everyday repair work, it helps to secure cylinders for assembly, disassembly, inspection, and testing. The optional stand with wheels is easy for transportation and movement. This vice also holds the cylinder to remain secured during testing.

CYLINDER SIZE TO HOLD

80 mm Dia to 300 mm Dia

Larger sizes are also available for up to 600 mm Dia cylinders.



FRONT VIEW



CHAIN VISE DETAIL



WITH OPTIONAL WHEELS

SUITABLE FOR:

ASSEMBLY | DISASSEMBLY | INSPECTION | TESTING

TRUSTED PARTNER IN HYDRAULIC MAINTENANCE

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ROD POLISHING MACHINE HEM-RP-8000

The HEM-RP-8000 is a high-performance pipe outer polishing machine designed for consistent, high-quality surface finishing on a wide range of pipes and tubes.





KEY SPECIFICATIONS

Pipe Diameter Range	60 - 500 mm
Maximum Polishing Length	8,000 mm
Grinding Head Motor	5.5 kW
Head Travel Motor	0.37 kW
Head Lift Motor	0.18 kW
Workpiece Drive	3 x 22 kW
Total Power	11.55 kW
Machine Size (L x W x H)	9,600 x 2,200 x 1,900 mm
Weight	3 t
Surface Roughness	Ra ≤ 0.4 µm
Power Supply	380 V / 50 Hz
Air Supply	0.2–0.6 MPa · 0.6 m³/min

SUITABLE FOR:

- Stainless Steel Pipes & Tubes
- Carbon Steel Pipes & Tubes
- Hydraulic Cylinder Piston Rods
- Pipe Manufacturing
- Industrial Polishing Applications

MACHINE FEATURES:

POWERFUL GRINDING HEAD
High performance motorised grinding head for consistent, high-quality polishing results.

ROTATING PIPE DRIVE
Multi-drive roller system ensures stable rotation and smooth polishing of long workpieces.

ABRASIVE BELT POLISHING
Efficient belt polishing system delivers excellent surface finish and reliable material removal.

KEY COMPONENTS:



Grinding Head
Gear, rack and reducer drive vertical movement; VFD sets horzontal travel speed, pneumatic tracking pressure keeps polishing even.



Control Panel
Electrical and pneumatic controls share one cabinet for operation, actuation and grinding-head feed.



Frame
Welded 80 x 80 mm or 100 x 100 mm square-tube construction.



Roller Support
Removable horizontal stop can be repositioned for the job. Grinding head and workpiece rotate clockwise.



Polishing Components
Abrasive belt, polishing cloth, hemp wheel and grinding wheel are interchangeable for different surface finishes.

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AUTOMATIC DIGITAL CYLINDER TESTER

HE-ADCT SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HE-ADCT-01	HE-ADCT-02
Tank Capacity	400 Litre	650 Litre
Max Test Pressure	450 Bar	415 Bar
Max Cylinder Weight	600 Kg	15 Tonne
Max Cylinder Length	5,000 mm	10,000 mm
Max Cylinder Diameter	500 mm	600 mm

PORTABLE CYLINDER DIGITAL TESTER

PHT-415

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Electric Systems
Voltage: 400V 3-Phase
Frequency: 50 Hz
Power: 5kw

Air moltiplicator x4 pression max
32 Bar

Pneumatic Feeding Systems
Flow Rate: 180L/min
Air Multiplier: 4x

Electric Motor
Type: 3-Phase Asynchronous
Power: 5Kw

Hydraulic Plant
Tank Capacity: 700 Litre
Max Oil Temp: 60°C
Max Flow: 20L/min

Max Pressure: 415 Bar (6000 psi)
Fluids Allowed: Oil ISO VG 32/46

Digital Control
Accurate Readings and easy operation

Built To Perform
Reliable testing for demanding applications

CYLINDER REPAIR BENCH

HCS-25-LS

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HCS-25-LS
Torque Capacity	25,000 Lbs ft (3457.5 Kg-m)
Torque Cylinder	Single Acting
Max. Extended Cylinder Length	22 ft (6.7 m)
Max. Cylinder Diameter	16 in (406.4 mm)
Max. Floor Space (Length)	23 ft (7.0 m)
Max. Floor Space (Width)	3 ft (0.9 m)
Max. Required Air Space	10 ft (3.0 m)
Power Required	Shop Air & Single-Phase
Motor Power	2 HP
Built-in Spanner Wrench	Yes
Access Required	Front & Rear
Torquer Stroke Speed	10 in Stroke (29 Sec / ft)
Rod Extraction / Installation Speed	48 in Stroke (7.6 Sec / ft)
Pendant Control	No
Extraction Force	8,300 lbs (36.9 KN)

CYLINDER REPAIR BENCH

HCS-2520

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



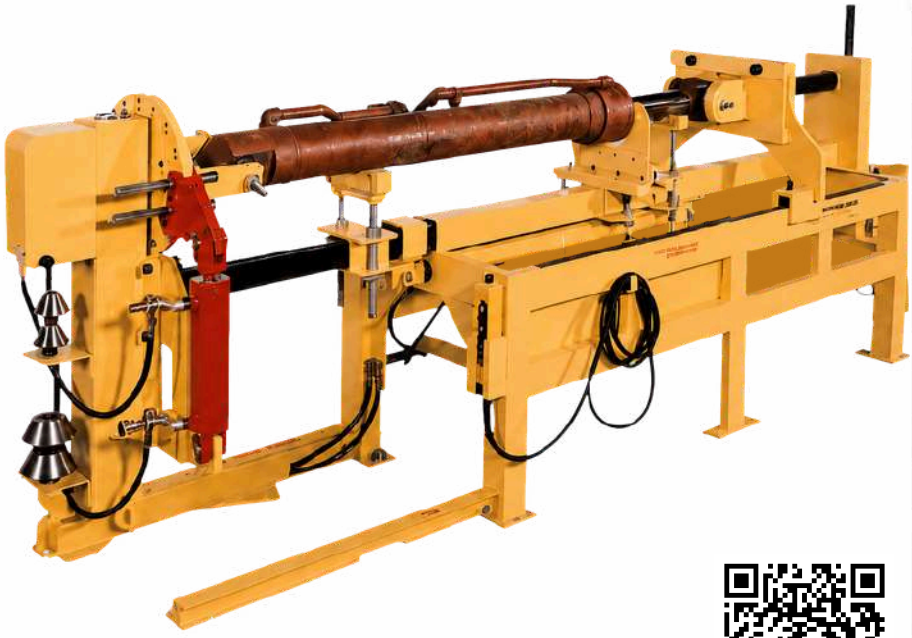
SPECIFICATIONS

Model	HCS-2520
Torque Capacity	25,000 Lbs ft (3450 Kg-m)
Torque Cylinder	Single Acting / Spring Return
Max. Extended Cylinder Length	26 ft (7.9 m)
Max. Cylinder Diameter	22 in (558.8 mm)
Max. Floor Space (Length)	30 ft (9.2 m)
Max. Floor Space (Width)	3 ft (0.9 m)
Max. Required Air Space	10 ft (3.0 m)
Power Required	Shop Air
Motor Power	2 HP
Built-in Spanner Wrench	Yes
Access Required	Front & Rear
Torquer Stroke Speed	10 in Stroke (29 Sec / ft)
Rod Extraction / Installation Speed	14 in Stroke (33 Sec / ft)
Pendant Control	No
Extraction Force	9,900 lbs (44.1 KN)

CYLINDER REPAIR BENCH

HCS-30

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



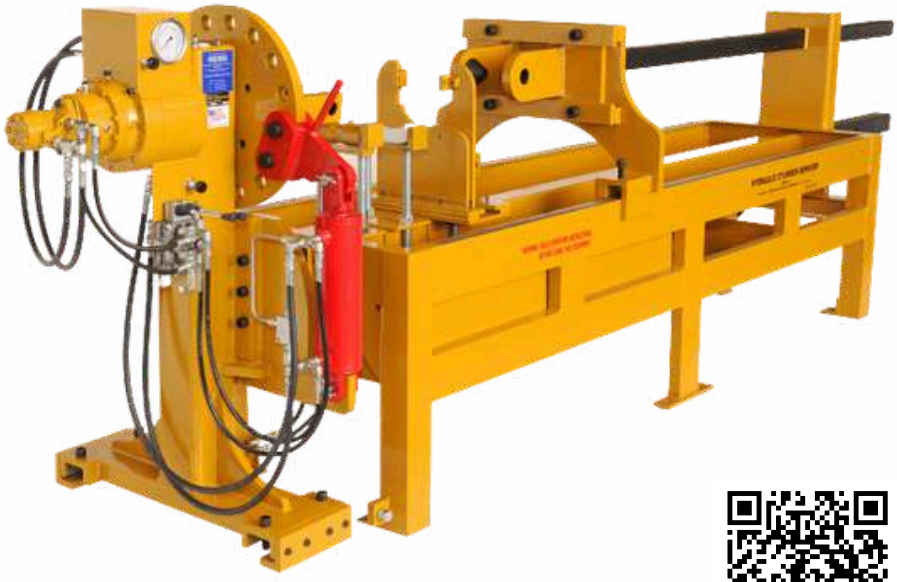
SPECIFICATIONS

Model	HCS-30
Torque Capacity	30,000 Lbs ft (4140 Kg-m)
Torque Cylinder	Double Acting
Max. Cylinder Length (Extended)	22 ft (6.7 m)
Max. Cylinder Diameter	16 in (406.4 mm)
Max. Floor Space (Length)	26 ft (7.9 m)
Max. Floor Space (Width)	3 ft (0.9 m)
Max. Required Air Space	9 ft (2.7 m)
Power Required	All Voltage 50/60Hz/3 Ph
Motor Power	5 HP
Built-in Spanner Wrench	Yes
Access Required	Front
Torquer Stroke Speed	10 in Stroke (14 Sec / ft)
Rod Extraction / Installation Speed	48 in Stroke (52 Sec / ft)
Pendant Control	Yes
Extraction Force	14,400 lbs (62.3 KN)

CYLINDER REPAIR BENCH

HCS-40

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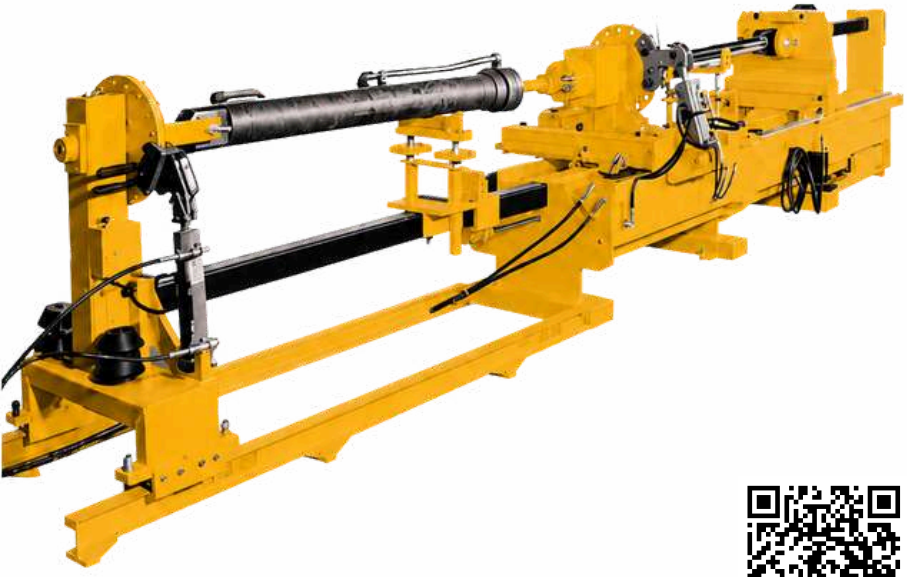
SPECIFICATIONS

Model	HCS-40
Torque Capacity	40,000 Lbs ft (5520 Kg-m)
Torque Cylinder	Double Acting
Max. Cylinder Length (Extended)	26 ft (7.9 m)
Max. Cylinder Diameter	22 in (558.8 mm)
Max. Floor Space (Length)	33 ft (10.0 m)
Max. Floor Space (Width)	3 ft (0.9 m)
Max. Required Air Space	9 ft (2.7 m)
Power Required	All Voltage 50/60Hz/3 Ph
Motor Power	5 HP
Built-in Spanner Wrench	Yes
Access Required	Front
Torquer Stroke Speed	10 in Stroke (13.5 Sec / ft)
Rod Extraction / Installation Speed	48 in Stroke (52 Sec / ft)
Pendant Control	Yes
Extraction Force	14,400 lbs (62.3 KN)

CYLINDER REPAIR BENCH

HCS-60

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



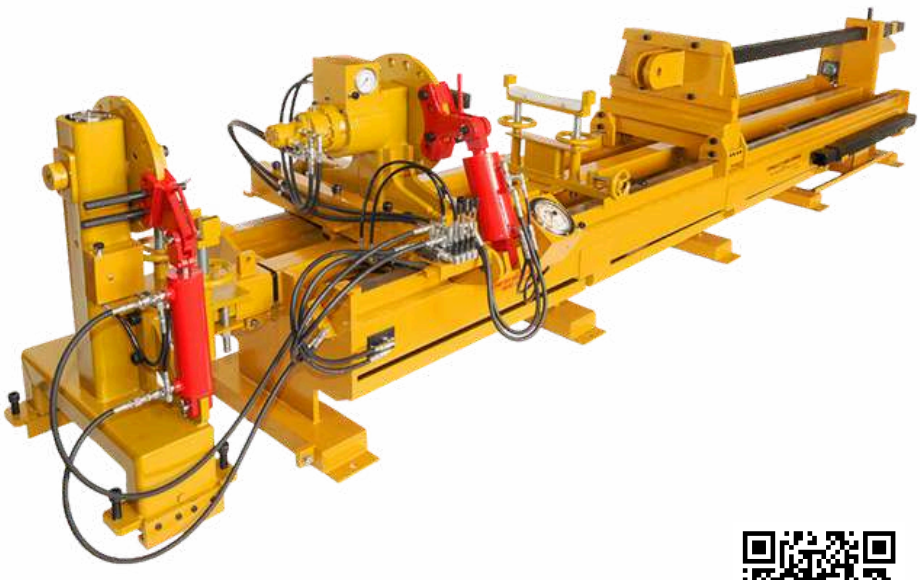
SPECIFICATIONS

Model	HCS-60
Torque Capacity	60,000 Lbs ft (5520 Kg-m)
Torque Cylinder	Both Double Acting
Max. Cylinder Length (Extended)	24 ft (7.3 m)
Max. Cylinder Diameter	20 / 30 in (508 / 762 mm)
Max. Floor Space (Length)	32 ft (9.8 m)
Max. Floor Space (Width)	5 ft (1.5 m)
Max. Required Air Space	11 ft (3.4 m)
Power Required	All Voltage 50/60Hz/3 Ph
Motor Power	7 1/2 HP
Built-in Spanner Wrench	Yes
Access Required	Front
Torquer Stroke Speed	10 in Stroke (14 Sec / ft)
Rod Extraction / Installation Speed	48 in Stroke (4.0 Sec / ft)
Pendant Control	Yes
Extraction Force	14,700 lbs (65.4 KN)

CYLINDER REPAIR BENCH

HCS-60-L

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HCS-60-L
Torque Capacity	60,000 Lbs ft (8280 Kg-m)
Torque Cylinder	Both Double Acting
Max. Cylinder Length (Extended)	34 ft (10.4 m)
Max. Cylinder Diameter	20 / 30 in (508 / 762 mm)
Max. Floor Space (Length)	43 ft (13.1 m)
Max. Floor Space (Width)	5 ft (1.5 m)
Max. Required Air Space	12 ft (3.7 m)
Power Required	All Voltage 50/60Hz/3 Ph
Motor Power	7 1/2 HP
Built-in Spanner Wrench	Yes
Access Required	Front
Torquer Stroke Speed	10 in Stroke (140 Sec / ft)
Rod Extraction / Installation Speed	48 in Stroke (4.0 Sec / ft)
Pendant Control	Yes
Extraction Force	14,700 lbs (65.4 KN)

TUXCO CYLINDER TESTER

HCT SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

SPECIFICATION	HCT-3000	HCT-5000
Max Testing Pressure	3000 PSI (207 bar)	5000 PSI (345 bar)
Motor Power	7.5 HP	15 HP
Hydraulic Pump Capacity	20 GPM (76 LPM)	8.3 GPM (32 LPM)
Reservoir Capacity	227 Litres (60 Gallons)	
Power Required	All Voltage 50 / 60 Hz	

TUXCO BARREL WASHER

CBW-300

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

- Rotating Spray — **Deep Internal Clean**
- 12 GPM Pump — **Fast Wash Cycles**
- 4" - 13.5" Bore Range — **Wide Compatibility**
- Splash Guard — **Cleaner Operation**
- 25 Micron Filter — **Reusable Wash Fluid**
- Factory Clean Finish — **Ready to Reassemble**

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CYLINDER HONING BENCH

HEMS WS CH 5M

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SPECIFICATIONS

Honing Diameter	50 -550 mm
Maximum Stroke	5000 mm
Centre Height	>480 mm
Spindle Speed	15 - 150 rpm
Reciprocating Speed	1 - 30 m/min
Cooling Tank Capacity	300 L
Surface Finish	Ra 0.2 - 0.4
Accuracy	IT7 -IT8
Dimensions (L X W x H)	14,500 x 1000 x 1700 mm

LIFTING JACK

HE-LF SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

Compact and portable, these jacks feature durable steel-alloy construction and include extension pieces and bridges for additional reach. Electric or pneumatic motors with a remote pendant control valves as an optional feature. They are suitable for lifting and maintaining heavy earthmoving equipment, dumpers, heavy structures and locomotives.



SPECIFICATIONS

Specification	Details
Capacity Range	Up to 100 Ton
Ground Clearance	3"
Control	Up / Hold / Down
Power Options	Electric or Pneumatic
Accessories	Stroke Extension Available
Construction	Welded Heavy-Duty Chassis
Applications	Rail, Mining, Construction & Maintenance

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DIGITAL PORTABLE HYDRAULIC FLOW TESTER

10-1000 TON RANGE

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SPECIFICATIONS

Measures	Flow, Pressure & Temperature
Max. Working Pressure	Up to 420 bar
Battery	Rechargeable 12v lithium Battery
Loading Valve	Integrated for controlled performance testing
Hose Connection	Quick-connect hoses for easy operation
Carry Case	Rugged, lightweight portable case
Applications	Construction, industrial, and mobile hydraulic system

FLOW, PRESSURE & TEMPERATURE | FAST ON-SITE TESTING | ACCURATE RESULTS | PORTABLE DESIGN

HYDRAULIC CYLINDERS

10-1000 TON RANGE

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Standard Cylinders	10-1000 Ton
Custom Cylinders	Bespoke Designs
Heavy Duty Cylinders	High Load Applications
Hydraulic Power Packs	Up to 700 Bar

www.hemsltd.com | sales@hemsltd.com | +44 2380 987 182 (UK)

HOSE COUPLING MACHINE

HEMM SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Hose Range	6-150mm
Crimping Force	Up to 750 T
Voltage Options	12V - 380V
Application	Hydraulic Hose Assembly

SPECIFICATIONS

MODEL	HOSE RANGE (MM)	SETS	FORCE (T)	POWER (KW)	VOLTAGE (V)	WEIGHT (Kg)
HEMM500-AB	6 - 51	10	500	3 - 4	220/380	260
HEMM500-ABC	6 - 51	10	500	3 - 4	220/380	260
HEMM500-C	6 - 51	10	500	3 - 4	220/380	300
HEMM500-K	6 - 51	10	500	3	220/380	300
HEMM500-D	6 - 51	10	500	3 + 0.6	220/380	300
HEMM500-SY	6 - 51	10	500	-	-	200
HEMM500-V	6 - 51	10	400	1.6	12 - 24	200
HEMM76	6 - 76	13	650	4	220/380	480
HEMM102	6 - 102	16	750	4 - 5.5	220/380	560
HEMM150	6 - 150	18	650	5.5	220/380	800
HEMM120	6 - 76	15	650	4 - 5.5	220/380	1300
HEMM38	6 - 38	8	400	3 - 4	220/380	200
HEMM25	6 - 25	8	100	-	-	200
HEMM500-L	48 - 57	3	650	3 - 4	380	240
HEMM500-XZ	48 - 51	3	650	3 - 4	380	255

HOSE CRIMPING MACHINE

CUTTING & STRIPPING

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

SPECIFICATIONS

MODEL / TYPE	LOCKING/PEEL/ CUTTING RANGE	POWER/ MOTOR	VOLTAGE	PRODUCTION/ SPEED	EXTERNAL DIMENSIONS	WEIGHT	OTHER	ADDITIONAL FEATURES SPEC
HEM PSM Pipe Cutting Machine	6-51 mm	3/4 Kw	220/380v	2900 r/min	760 x 560 x 870 mm	100 Kg	Maximum Diameter 80 mm	Smoke exhaust interface and dust removal device
HEM PM Stripping Machine	6-51 mm	0.4 Kw	220/380v	140 r/min	530 x 530 x 1150 mm	80 Kg	Maximum Diameter 80 mm	Safety Protection device included
HEM-QB-51 (Cutting & Stripping)	6-51 mm	3/4 Kw	220/380v	2850 r/min	780 x 560 x 1100 mm	-	Maximum Pipe Cutting Inner diameter 51 mm	Peel & Cutting combo

ENGINE PARTS WASHER

HEM-UCM 5000

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Application	Medium-Duty
Ultrasonic Power	5 Kw
Heating Power	10 Kw
Rated Power	16 Kw
Power Supply	380V + N + PE
Ultrasonic Frequency	28 Khz
No. of Transducers	50 x 100 W
Inner Tank Size (mm)	100 x 550 x 560
Overall Dimensions (mm)	2000 x 850 x 850
Max Load Capacity	≤ 200 Kg
Tank Material	SS 304 (2.0 mm)
Outer Shell	Stainless Steel (0.9 mm)
Oil-Water Separation	Integrated
Control System	Digital Temp & Timer
Cover Type	Gas Spring Insulated
Mobility	Wheels + Adjustable feet

ENGINE PARTS WASHER

HEM-UCM 6000

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Application	Medium-Heavy-Duty
Ultrasonic Power	6 Kw
Heating Power	14 Kw
Rated Power	21 Kw
Power Supply	380V + N + PE
Ultrasonic Frequency	28 Khz
No. of Transducers	60 x 100 W
Inner Tank Size (mm)	1200 x 600 x 600
Overall Dimensions (mm)	2200 x 900 x 900
Max Load Capacity	≤ 300 Kg
Tank Material	SS 304 (2.0 mm)
Outer Shell	Stainless Steel (0.9 mm)
Oil-Water Separation	Integrated
Control System	Digital Temp & Timer
Cover Type	Gas Spring Insulated
Mobility	Wheels + Adjustable feet

ENGINE PARTS WASHER

HEM-UCM 1500

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Application	Heavy-Duty / industrial
Ultrasonic Power	15 Kw
Heating Power	40 Kw
Rated Power	56 Kw
Power Supply	380V + N + PE
Ultrasonic Frequency	28 Khz
No. of Transducers	150 x 100 W
Inner Tank Size (mm)	1500 x 1000 x 1000
Overall Dimensions (mm)	2000 x 1900 x 1260
Max Load Capacity	≤ 800 Kg
Tank Material	SS 304 (2.0 mm)
Outer Shell	Stainless Steel (0.9)
Oil-Water Separation	Integrated
Control System	Digital Temp & Timer
Cover Type	Pneumatic (2 - 0.6MPa air)
Mobility	Wheels + Ajustable feet

ENGINE ROTATING STAND

HM-ES-1050 - HEAVY DUTY STAND

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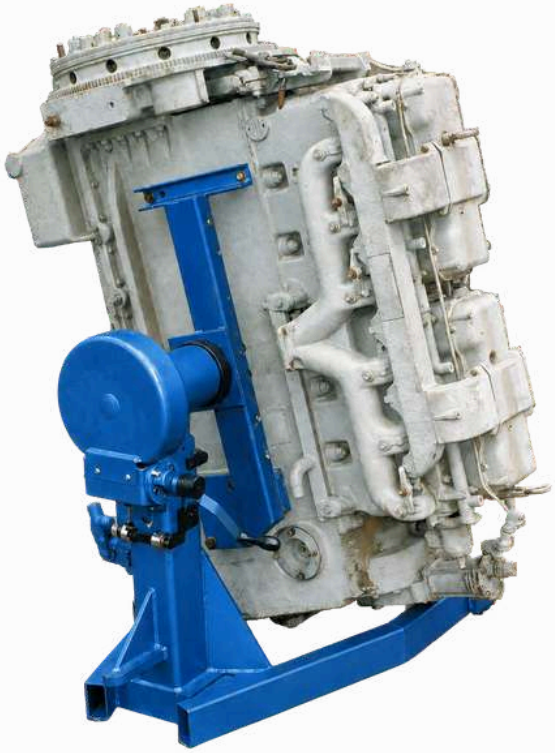
SPECIFICATIONS

Capacity	760 Kg
Spindle Height	876 - 889 mm
Height	1050 mm
Width	460 - 710 mm
Length	870 - 1170 mm
Weight	102 - 110 Kg
Configuration	Floor Mounted or mobile

ENGINE ROTATING STAND

HM-ES-1076 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	1520 Kg
Spindle Height	914 - 940 mm
Height	1076 mm
Width	460 - 890 mm
Length	920 - 1220 mm
Weight	190 - 210 Kg
Configuration	Floor Mounted or mobile

ENGINE ROTATING STAND

HM-ES-2000 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



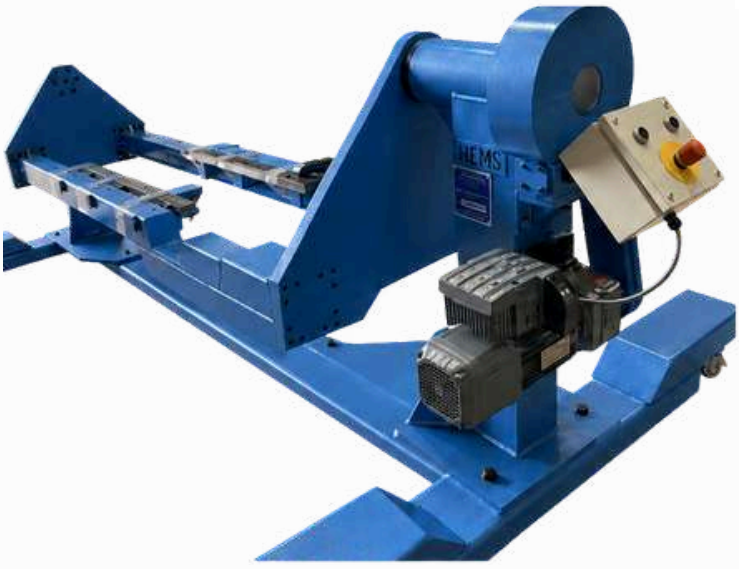
SPECIFICATIONS

Capacity	3000 Kg
Spindle Height	1000 mm
Height	1150 mm
Width	1372 mm
Length	1372 mm
Weight	350 Kg
Configuration	Floor Mounted

ENGINE ROTATING STAND

HM-ES-6000 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	5000 Kg
Height	1200 mm
Width	1600 mm
Length	3500 mm
Weight	1050 Kg

ENGINE ROTATING STAND

HM-ES-7000 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



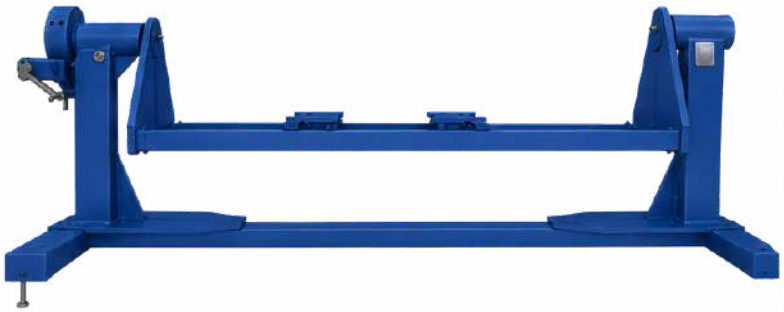
SPECIFICATIONS

Capacity	7000 Kg
Height	1350 mm
Width	1850 mm
Length	4500 mm
Weight	1825 Kg

ENGINE ROTATING STAND

HM-ES-12000 - HEAVY DUTY STAND

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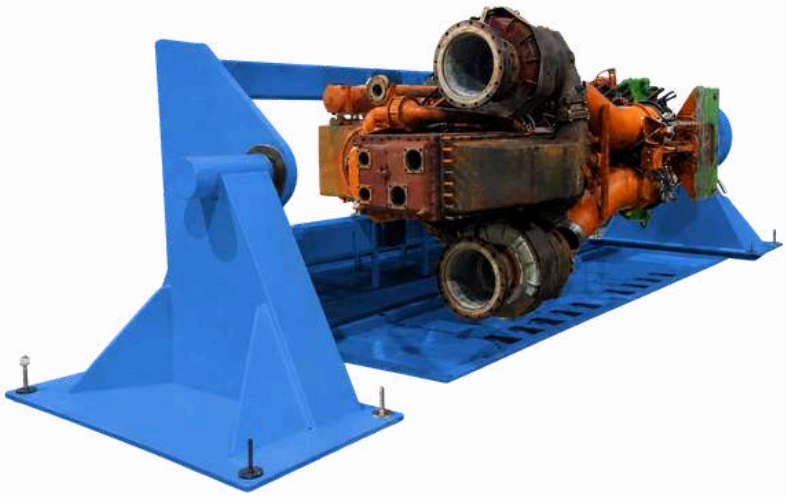
SPECIFICATIONS

Capacity	12000 Kg
Height	1200 mm
Width	1845 mm
Length	4392.5 mm
Configuration	Floor Mounted

ENGINE ROTATING STAND

HM-ES-13-25 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	20000 Kg
Height	1850 mm
Width	2000 mm
Length	5620 mm
Net Weight	4500 Kg

ENGINE ROTATING STAND

HM-ES-1 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	1000 Kg
Height	1050 mm
Width	1000 mm
Length	1200 mm

ENGINE ROTATING STAND

HM-ES-3 - STANDARD STAND

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SPECIFICATIONS

Capacity	2000 Kg
Height	900 mm
Width	640 mm
Length	1100 mm
Net Weight	300 Kg

ENGINE ROTATING STAND

HM-ESV-3 - STANDARD STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



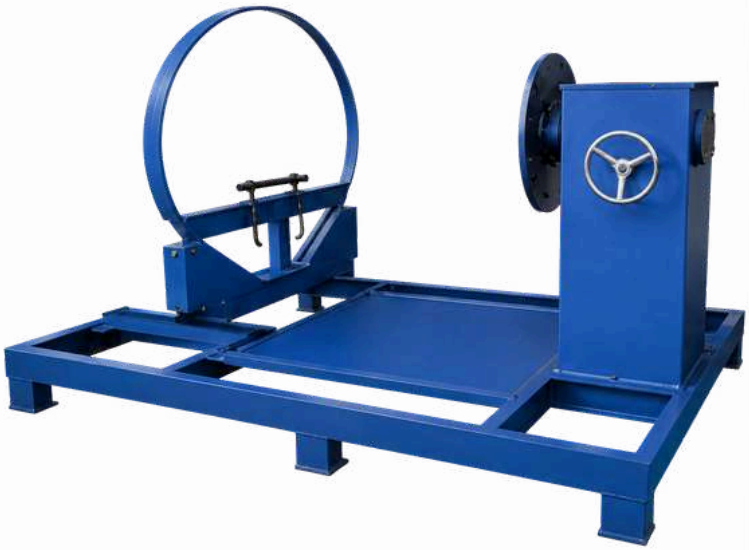
SPECIFICATIONS

Capacity	3000 Kg
Height	1200 mm
Width	1100 mm
Length	1300 mm

ENGINE ROTATING STAND

HM-ES-5 - STANDARD STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	3500 Kg
Height	1350 mm
Width	1500 mm
Length	2400 mm
Net Weight	400 Kg

ENGINE ROTATING STAND

HM-ES-6 - STANDARD STANDS

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	6000 Kg
Length	2650 mm
Width	900 mm
Net Weight	1500 Kg

ENGINE ROTATING STAND

HM-ES-8 - STANDARD STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	8000 Kg
Length	2950 mm
Width	1000 mm
Net Weight	1800 Kg

ENGINE ROTATING STAND

HM-ES-10 - HEAVY DUTY STAND

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	12000 Kg
Height	2100 mm
Width	1900 mm
Length	5350 mm
Net Weight	2350 Kg

OIL FILTRATION UNIT

HE-MF-40

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Pump Flow	40L/min
Max Operating Pressure	10 bar
Weight	150 Kg
Electrical Supply	380v /3 Phase /50Hz
Max Fluid Temperature	65 °C
Inner Filter	145 Micron (SS Mesh Type) Washer Filter
Practicle Analyser	Portable Particle Counter (Optional)
Pump Type	Gear Type Pump

OIL FILTRATION UNIT

HE-MF SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HE-MF-15	HE-MF-20
Pump Flow	30L/min	40L/min
Hose Length	3m (Suction & Outlet)	
Oil Compatibility	Hydraulic & Lube Oil (up to ISO VG100)	
Max Operation Pressure	0 - 15 bar	10 bar
Particle Analyser	Optional	Optional

TRUCK LIFT

HE-TL SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HE-30TL	HE-20TL	HE-30TL/HW
Type	Mechanics	Mechanics	Hydraulic Wireless
Capacity	20T	30T	30T
Single Column Lift	5T	7.5T	7.5T
Lift Height (mm)	1500	1500	1700
Lift Speed (mm/min)	600	600	1260
Down (mm/min)	600	600	1260
Size (mm)	1300 x 1330 x 2540	1300 x 1330 x 2540	1250 x 1140 x 2570
Weight (Kg)	685 Kg	738 Kg	700 Kg
Motor Power (Kw)	2.2 Kw	3 Kw	2.2 Kw
Adjust Range for Tire	650 - 1200 mm	650 - 1200 mm	650 - 1200 mm
Safety Measures	Safety Lock	Safety Lock	Mechanical Lock / Explosion-Proof Valve

KING PIN PRESS

HEPP-75T

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	75 Ton
Stroke	120 mm
Working Pressure	700 Kg/cm²
Pneumatic Pressure	13 Kg/cm²
Weight	128 Kg
Height	480 mm

BRAKE RIVETING MACHINE

HE-VSR 60

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Application	Truck brake shoe plate riveting & punching
Riveting Force	60 Kn (6T)
Working Pressure	0.5 - 0.8 MPa
Max. Rivet	10 mm
Stroke	40 mm
Air Supply	External air compressor
Net / Gross Weight	75 Kg / 85 kg
MEAS	0.40 CBM

BRAKE RIVETING MACHINE

HE-BSR/E 10

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Application	Truck brake shoes, drums torque & tools
Rivet Range	6 - 12 mm
Power Supply	230v / 380v
Working Stroke	122 mm
Working Pressure	1.0 MPa
Motor Power	1.5 Kw
Net / Gross Weight	127 Kg
MEAS	0.65 CBM

BRAKE RIVETING MACHINE

HE-BSR 80

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Force	80 Kn (8T)
Rivet Range	≤10 mm (Cu / AL)
Working Pressure	0.5 - 0.8 MPa
Working Stroke	40 mm
Air	External Compressor Required
Net / Gross Weight	107 Kg
MEAS	0.046 CBM

BRAKE RIVETING MACHINE

HE-BSR/E 80

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Function	Electro-hydraulic riveting & piercing
Riveting Material	Cu / AL / Fe
Riveting Force	80 Kn (8T)
Rivet Ø	6 - 12 mm
Stroke	150 mm
Speed	Stepless Control
Motor	2.5 Kw
Punches / Heads	2 Punches / 3 Heads
Gross Weight	85 Kg
Machine Size	650 x 410 x 1140
MEAS	0.30 CBM

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STATIONARY TRACK PRESS

HEM-UC SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HEM-UC/200T	HEM-UC/300T	HEM-UC/400T	HEM-UC/500T
Capacity of Cylinders	100 Ton	150 Ton	200 Ton	250 Ton
Bore	180 mm	220 mm	260 mm	290 mm
RAM	140 mm	180 mm	220 mm	240 mm
Press Daylight	800 mm	800 mm	900 mm	900 mm
Max Track Pitch	270 mm	280 mm	300 mm	325 mm
Effective Area	254.46 cm/sq	380.13 cm/sq	530.93 cm/sq	660.52 cm/sq
Working Pressure	400 bar	400 bar	380 bar	380 bar
Stroke	150 mm	150 mm	150 mm	150 mm
Forward Speed	27.22 mm/Sec	21.69 mm/Sec	20.17 mm/Sec	16.21 mm/Sec
Pressing Speed	6.94 mm/Sec	6.53 mm/Sec	5.93 mm/Sec	4.77 mm/Sec
Voltage	380 - 440 V	380 - 440 V	380 - 440 V	380 - 440 V

ROLLER CONVEYOR SYSTEM

HEM-UC SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Length	11 meters
Height	690 mm
Width	170 mm
Winch Capacity	2 Ton
Electric Motor	2 HP, 230 V Single Phase / 410 - 440 V 3 Phase

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TRACK WINDER

HEM-UC SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Max Torque	8500 Nm
Spindle Speed	2 rpm
Electric Motor	5 HP , 3 Phase
Torque Operation	Pendant
Voltage	380 - 440 V

TORQUE WRENCH

HEM-UC/T SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HEM-UC/T7500	HEM-UC/T8500
Max Torque	7500 Nm	8500 Nm
Electric Motor	4.5 Kw	5.5 Kw
Torque Operation	Electric / Joystick	
Torque Settings	Programmable	

HEMS
HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

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SPROCKET PULLER

HE-SP SERIES

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SPECIFICATIONS

Model	HE-SP 100T/E	HE-SP 100T/M
Pump	Dual Control	Manual
Capacity	100 Ton	100 Ton
Working Pressure	700	700
Stroke	350	350
Closed Height	605	605
Arm Length	1000	1000
Cylinder OD	180	180
Cylinder Bore	140	140
Ram	70	70
Effective Area	153.9	153.9
Weight	305	305

WORKSHOP PRESS

HE-VP SERIES

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Capacity	15 -500 Tons
Design	Workshop Press
Application	Bearing, Sprocket, gear removal and fitment, Shaft straightening, general maintenance
Hydraulic Cylinder	Double acting
Power Pack	Single stage 2 HP hydraulic power pack
Control	Hand lever operated directional control valve
Standard Accessories	V-blocks (2), Ram adaptor (1), hand operated, winch for daylight adjustment
Operation	Controlled and precise
Use	Controlled and precise

www.hemsltd.com | sales@hemsltd.com | +44 2380 987 182 (UK)

PNEUMATIC TYRE PRESS

HTP-300-PN

REDUCES LABOUR TIME | HEAVY-DUTY CONSTRUCTION | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	HTP-300-PN
Total Press Capacity	300 Ton
Working Pressure	240 bar
Maximum Working Pressure	275 bar
Main Cylinders	75 Ton x 4
Main Cylinder Stroke	1650 mm ± 5 mm
Platform Cylinder Capacity	19 Ton x 1
Platform Cylinder Stroke	3000 ± 5 mm
Chuck Cylinders	5 Ton x 8
Chuck Cylinder Stroke	500 ± 5 mm
Clamping Span	35" - 57" Wheel Assemblies
Table Size	4900 x 4500 mm
Hydraulic Pump	Double Discharge Vane Pump
Flow Rate	95 / 36 LPM
Oil Tank Capacity	300 Litres
Motor	22 Kw (30 Hp)
Voltage	380 - 410V, 3 Phase, 50/60 Hz
Approx. Weight	25 Ton

TYRE PRESS

HTP SERIES

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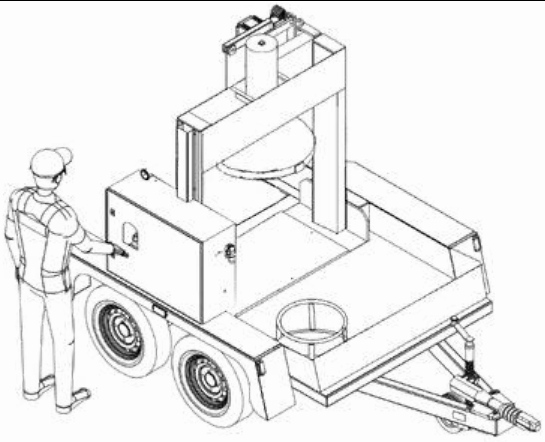
SPECIFICATIONS

Model	HTP-100	HTP-200	HTP-300
Capacity	100T	200T	300T
Construction	Fabricated H Frame	Fabricated H Frame	Fabricated H Frame
Cylinders	1	1	1
Stroke	300 mm	500 mm	600 mm
Daylight Gap	1000 mm	1500 mm	2000 mm
Width	1700 mm	2100 mm	2650 mm
Table Size	1500x1500 mm	2200x2200 mm	2200x2200 mm
Moving Plate	Ø600mm (spider plate with spiders)	Ø1000mm (spider plate with spiders)	Ø1000mm (double-thick)

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MOBILE TYRE PRESS HTP-MB





KEY SPECIFICATIONS:

Capacity	120 t
Piston Stroke	460 mm
Opening height	900 mm
Inner Width	1,060 mm
Worktable Size	1,060 x 500 mm
Operating Pressure	40 Mpa
Oil tank capacity	60 L
Electric motor pump	3 kW
Mould set	26 Pieces
Machine packing size	1,480 x 500 x 2,150 mm
Crane	250 kg
Net weight with tools	1,000 kg
Trailer rated load	2,000 Kg
Trailer weight	500 Kg
Trailer tyres	4 × 185R14C tyres
Warranty	12-month warranty

MOULD SIZES:



MACHINE FEATURES:

HIGH-STRENGTH H-FRAME PRESS
Robust H-frame structure with 120 tonne pressing capacity for heavy-duty tyre operations.

LONG PISTON STROKE
460 mm piston stroke provides ample working range for different tyre sizes.

COMPLETE MOULD SET
Supplied with a 26-pieces mould set to suit 8 in, 9 in, 10 in, 12 in and 15 in tyres.

ELECTRIC HYDRAULIC PUMP
3 kW electric motor pump with 60 L oil tank delivers stable and reliable hydraulic power at 40 MPa.

MOBILE TRAILER DESIGN
Heavy-duty tandem axle trailer with 2,000 kg rated load, 4 x 185R14C tyres and easy on-site mobility.

KEY COMPONENTS:



Press Frame & Ram
120 tonner H-frame press with 460 mm piston stroke.



Hydraulic Pump Unit
3 kW electric motor pump with 60 L oil tank.



Control Panel
Simple and reliable operation.



Mobile Trailer
Tandem axle trailer with 2,000 kg rated load.



Mould Tooling
Complete set of 26 pieces for 8 in, 9 in, 10 in, 12 in and 15 in tyres.

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INDUSTRIAL JACK

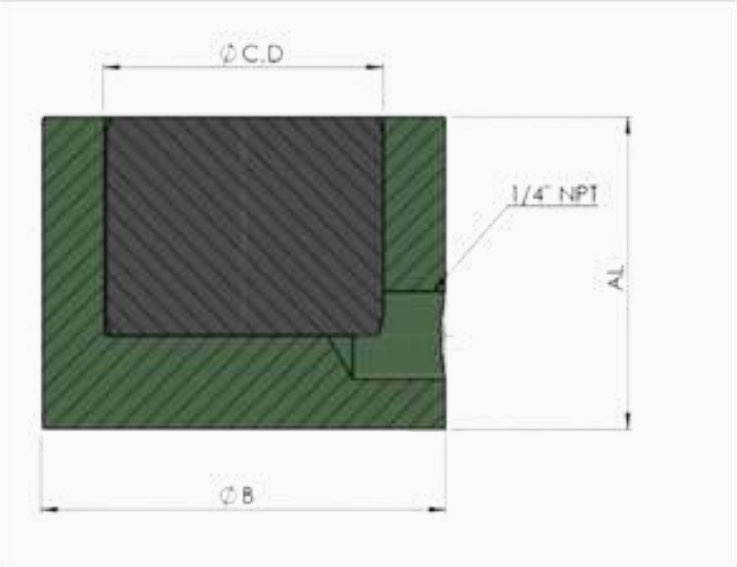
HE-VPS HEMS

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

VERY SMALL JACK – PLAIN RAM
LOAD RETURN - SINGLE ACTING

ADVANTAGES / FEATURES

- Used in complex areas, low clearance areas.
- Compact design, Heat-treated alloy steel body for long life.
- High-pressure oil seals are used
- Port Size ¼" NPT for lower range, ⅜" NPT for higher range.
- Ideally suited for precision lifting, alignments of machinery, heavy structures and removal of pulleys/sprockets on taper seats.
- Ensure no gap between jacks and the load to be lifted, to utilize full stroke of 10 mm.



NOTE:

- Due to designed compact or complex there is no top nut to stop stroke limit of ram, someone has to monitor the stroke while lifting, since there would be a chance that the ram could come out from jack or cylinder, which could cause an unexpected accident and failure of jack. Place a rigid base below the jack
- HE-VPS Series – HE: HEMS, V: Very small, P: Plain Rod, S: Single acting return, 20: Capacity – ton, 10: Stroke – mm



SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cyl Bore ID	"D" Ram Dia	wt. Approx in Kg
HE-VPS 20-10	35	218	10	31.2	32	100.02	63	62.95	2.6
HE-VPS 30-10	40	310	10	44.2	44	110.02	75	74.95	3.7
HE-VPS 50-10	50	551	10	78.5	79	140.02	100	99.95	7.5
HE-VPS 100-10	60	1078	10	153.9	154	180.02	140	139.95	15.8
HE-VPS 150-10	75	1590	10	227.0	227	220.02	170	169.95	24.2
HE-VPS 200-10	80	2200	10	314.2	315	255.02	200	199.95	34.0
HE-VPS 300-10	90	3167	10	452.2	453	310.02	240	239.95	54.0

INDUSTRIAL JACK

HE-FS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Flat Jack - Plain ram
Spring Return - Single Acting

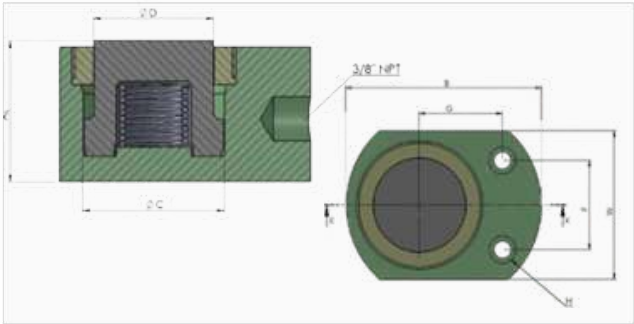
ADVANTAGES / FEATURES

- Compact, flat design, ideally suited where clearance is minimum for insertion of jack.
- Mounting Holes for easy fixturing
- Stacking plate to increase closed height is optional.
- Hard-chrome-plated ram to resist scoring and corrosion.
- High-pressure oil seals are used.
- Heavy equipment lifting, alignment and clamping. Ensure no gap between the jack and the load to be lifted, to utilize full stroke.

NOTE:

- Customized Tonnage and strokes are manufactured as per customer requirement.
- Capacity and Stroke specified are under safety factors.
- While using please read the instructions/manual.
- Use at 75% of rating as safe practice





SPECIFICATIONS

Model	Mounting Hole Location (in mm)		
	"F"	"G"	Thru Hole "H"
HE-FS 20 - 12	50	40	8.5
HE-FS 30 - 12	55	45	10.5
HE-FS 50 - 16	75	55	11
HE-FS 75 - 16	85	70	13
HE-FS 100 - 16	90	80	13
HE-FS 150 - 16	110	95	13
HE-FS 200 - 16	130	105	17

SPECIFICATIONS

Model	"A" Close Height	Cap. in kN	Stroke in mm	Effective Area in cm2	Oil Cap in cc	"B" Cylinder OD	"W" A/F in mm	"C" Cyl Bore ID	"D" Rod Dia	wt. Approx in Kg
HE-FS 20-12	55	217	12	31.2	21.0	100.02	80.02	63	50.02	3.5
HE-FS 30-12	58	310	12	44.2	51.0	115.02	95.02	75	60.02	4.6
HE-FS 50-12	65	551	16	78.2	126.2	140.02	120.02	100	70.02	6.2
HE-FS 75-12	80	794	16	113.1	180.4	175.02	145.02	120	85.02	11.8
HE-FS 100-12	85	1078	16	153.9	247.3	190.02	165.02	140	100.02	15.1
HE-FS 150-12	100	1590	16	227.0	363.0	230.02	205.02	170	120.02	27.0
HE-FS 200-12	115	2200	16	304.2	454.0	454.0	230.02	190	140.02	40.7

INDUSTRIAL JACK

HE-LS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

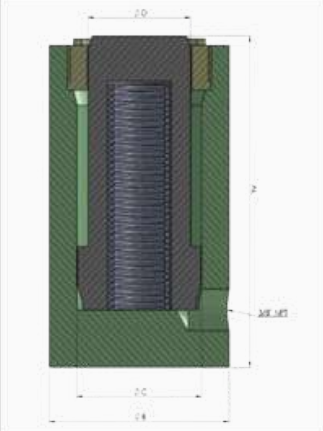
HEMS Low Height Jack - Plain ram Spring Return - Single Acting

APPLICATION

HE-LS Series - These Jacks are designed specially where space is a constraint Ideally used. where no other jack will fit for lifting, lowering, spreading of structures, bridges, heavy machinery etc.

ADVANTAGES / FEATURES

- Compact design, heat treated alloy steel for better life.
- Ram Hard chrome-plated to resist scoring & corrosion.
- These jacks are designed specifically where space is a constraint.
- Ideally used where no other cylinders will fit for lifting.
- Grooved ram ends to support load at the midpoint.
- High pressure oil seals to increase long life. Ram wiper protects cylinder from entering dirt & foreign material which extends cylinder life.
- Bottom holes for mounting, which helps to fix the jack anywhere are provided upon request.
- Connection Port size 3/8" NPT.



NOTE:

- Capacity and Stroke specified are under safety factors.
- Customized Tonnage and Strokes are manufactured as per customer requirement.
- While using please read the instructions/manual.
- Use at 75% of rating as safe practice.



SPECIFICATIONS

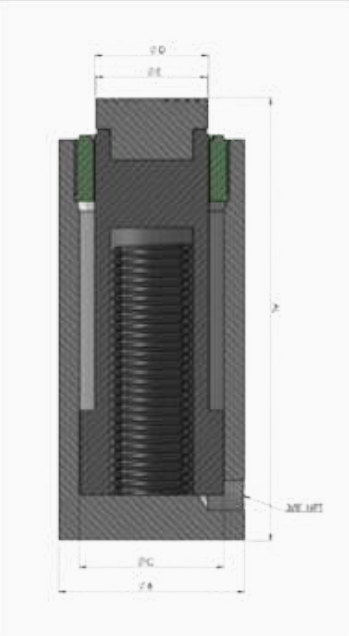
Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cyl Bore ID	"D" Rod Dia	wt. Approx in Kg
HE-LS 20-50	110	217	50	31.2	160.2	90.02	63	49.95	4.9
HE-LS 30-50	110	310	60	44.2	221.1	100.02	75	59.95	6.2
HE-LS 50-60	122	551	60	78.2	472.0	130.02	100	79.95	11
HE-LS 75-60	138	792	60	113.1	679.2	155.02	120	94.95	18.4
HE-LS 100-60	142	1078	60	153.9	925.2	180.02	140	109.95	23.6
HE-LS 150-60	175	1590	60	227.0	1362.0	220.02	170	139.95	43
HE-LS 200-60	200	2200	60	314.2	1885.1	255.02	200	159.95	66

INDUSTRIAL JACK

HE-PS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS General Purpose Jack - Plain ram Spring Return - Single Acting





Application

Maintenance, positioning, bending, pressing, and production at construction sites, shipyards, power plants, etc.

Advantages/Features

- Multipurpose jack used in horizontal and vertical positions.
- Hard chrome-plated ram and high-pressure long-life seals.
- Ram wiper for cylinder protection.
- Optional bottom mounting holes, collar threading, and tilting saddle.

SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cyl Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PS 20-100	210	217	100	31.2	314	85.02	63	50.02	50	6.7
HE-PS 20-150	260	217	150	31.2	470	85.02	63	50.02	50	8.2
HE-PS 25-100	220	270	100	38.2	387	95.02	70	55.02	55	9.0
HE-PS 25-150	270	270	150	38.2	579	95.02	70	55.02	55	10.8
HE-PS 30-100	220	310	100	44.2	444	105.02	75	60.02	60	11.4
HE-PS 30-150	270	310	150	44.2	665	105.02	75	60.02	60	13.7
HE-PS 50-100	235	550	100	78.5	787	135.02	100	80.02	80	20.6
HE-PS 50-150	285	550	150	78.5	1180	135.02	100	80.02	80	24.6

INDUSTRIAL JACK

HE-PS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS General Purpose Jack- Plain ram
Spring Return- Single Acting

SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PS 75-100	250	793	100	113.1	1133	156.02	120	95.02	95	29.8
HE-PS 75-150	300	793	150	113.1	1696	156.02	120	95.02	95	35.2
HE-PS 100-100	265	1077	100	153.9	1542	185.02	140	110.02	110	40.9
HE-PS 100-150	315	1077	150	153.9	2313	185.02	140	110.02	110	48.2
HE-PS 150-100	275	1589	100	227.0	2275	225.02	170	140.02	140	65.6
HE-PS 150-150	325	1589	150	227.0	3410	225.02	170	140.02	140	77.2
HE-PS 200-100	290	2200	100	314.2	3145	258.02	200	160.02	158	91.6
HE-PS 200-150	340	2200	150	314.2	4712	258.02	200	160.02	158	106.5
HE-PS 250-100	295	2661	100	380.1	3820	285.02	220	180.02	180	114
HE-PS 250-150	345	2661	150	380.1	5710	285.02	220	180.02	180	133
HE-PS 300-100	310	3167	100	452.4	4535	315.02	240	200.02	195	148.9
HE-PS 300-150	360	3167	150	452.4	6795	315.02	240	200.02	195	172
HE-PS 400-100	330	4008	100	572.6	5734	355.02	270	220.02	205	209
HE-PS 400-150	380	4008	150	572.6	8588	355.02	270	220.02	205	240
HE-PS 500-100	350	4948	100	706.9	7069	400.02	300	250.02	230	270
HE-PS 500-150	400	4948	150	706.9	10630	400.02	300	250.02	230	300

INDUSTRIAL JACK

HE-PS-T SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	"G" Ram Internal Threading	"H" Threading Depth	"J" Collar Threading	"K" C T Length	"M" Bottom Mounting Holes & PCD	"M" Bottom Threading Size	Threaded Depth
HE-PS-T 20	M22 X 2P	25	M80 X 2P	35	55 X 2	M8	16
HE-PS-T 25	M24 X 2P	25	M90 X 2P	40	60 X 2	M10	16
HE-PS-T 30	M30 X 2P	25	M100 X 2P	40	65 X 2	M10	16
HE-PS-T 50	M42 X 2P	25	M130 X 2P	40	90 X 2	M10	16
HE-PS-T 75	M48 X 2P	25	M155 X 2P	40	110 X 2	M10	16
HE-PS-T 100	M48 X 2P	25	M180 X 2P	40	125 X 4	M10	16
HE-PS-T 150	M82 X 2P	25	M220 X 2P	50	150 X 4	M16	18
HE-PS-T 200	M90 X 2P	25	M225 X 2P	50	180 X 2	M16	22

INDUSTRIAL JACK

HE-PS-S SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS General Purpose Jack-Plain ram Spring return-Single Acting, Spherical Saddle

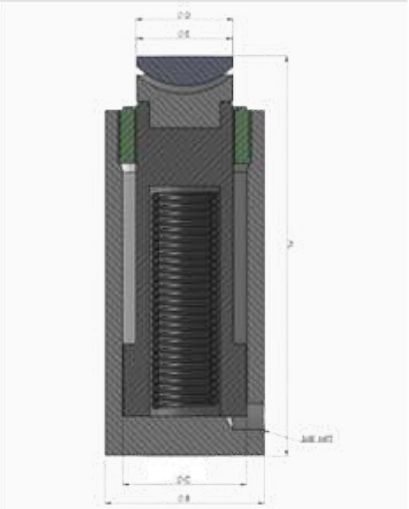
ADVANTAGES/FEATURES

- Heat treated alloy steel body for better life.
- Multipurpose jack for horizontal and vertical positioning.
- Maintenance, Fabrication, Construction, Heavy Industries, Power & Process Plants, Sugar Factories, Cement Factories, etc.
- Hard chrome-plated ram to resist scoring & corrosion.
- Single acting, spring return for smooth return.
- High-pressure long-life seals. Ram wiper protects dirt & foreign material entering cylinder which extends cylinder life.
- Bottom mounting holes, collar threading & tilting saddle are provided on request.
- Connection Port size 3/8-inch NPT.
- Refer Power Pack Page for more details.

APPLICATION

These jacks are an excellent choice for maintenance, positioning bending, pressing, and production applications. Ideal for a wide range of applications at Construction sites, Automobile, Shipyard, Mills, Railway workshops, Power plants and Industrial maintenance.





SPECIFICATIONS

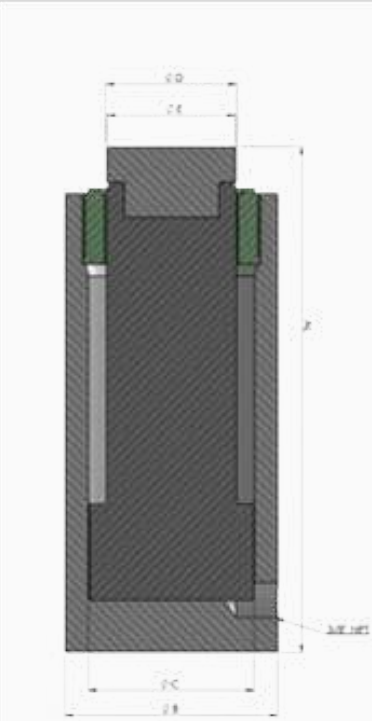
Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PS-S 20-100	220	217	100	31.2	314	85.02	63	50.02	50	6.7
HE-PS-S 20-150	270	217	150	31.2	470	85.02	63	50.02	50	8.2
HE-PS-S 25-100	230	270	100	38.5	387	95.02	70	55.02	55	9.0
HE-PS-S 25-150	280	270	150	38.5	579	95.02	70	55.02	55	10.8
HE-PS-S 30-100	235	310	100	44.2	444	105.02	75	60.02	60	11.4
HE-PS-S 30-150	285	310	150	44.2	665	105.02	75	60.02	60	13.7
HE-PS-S 50-100	250	550	100	78.5	787	135.02	100	80.02	80	20.6
HE-PS-S 50-150	300	550	150	78.5	1180	135.02	100	80.02	80	24.6
HE-PS-S 75-100	265	793	100	113.1	1133	156.02	120	95.02	95	29.8
HE-PS-S 75-150	315	793	150	113.1	1696	156.02	120	95.02	95	35.2
HE-PS-S 100-100	265	1077	100	153.9	1542	185.02	140	110.02	110	40.9
HE-PS-S 100-150	315	1077	150	153.9	2313	185.02	140	110.02	110	48.2
HE-PS-S 150-100	285	1589	100	227.0	2275	225.02	170	140.02	140	65.6
HE-PS-S 150-150	335	1589	150	227.0	3410	225.02	170	140.02	140	77.2
HE-PS-S 200-100	305	2200	100	314.2	3415	258.02	200	160.02	158	91.6
HE-PS-S 200-150	355	2200	150	314.2	4712	258.02	200	160.02	158	106.5
HE-PS-S 250-100	315	2661	100	380.1	3820	285.02	220	180.02	180	114
HE-PS-S 250-150	365	2661	150	380.1	5710	285.02	220	180.02	180	133
HE-PS-S 300-100	335	3167	100	452.4	4535	315.02	240	200.02	195	148.9
HE-PS-S 300-150	395	3167	150	452.4	6795	315.02	240	200.02	195	172
HE-PS-S 400-100	370	4008	100	572.6	5734	355.02	270	220.02	205	209
HE-PS-S 400-150	420	4008	150	572.6	8588	355.02	270	220.02	205	240
HE-PS-S 500-150	380	4948	150	706.9	10630	400.02	300	250.02	230	335.5
HE-PS-S 500-200	430	4948	200	706.9	14137	400.02	300	250.02	230	376

INDUSTRIAL JACK

HE-PL-S SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Plain ram - Load Return Single Acting, Spherical Saddle





FEATURES /ADVANTAGES

- Load return. Single acting, Plain Ram.
- Cylinder is honed to a surface finish of 0.5 microns.
- Alloy steel heat treated.
- Bottom mounting holes are provided for fixing upon request.
- High-pressure oil seals for extended service life. Ram wiper protects entering dirt and foreign material into the cylinder which extends cylinder life.
- Long lifting handles are provided for easy lifting at site.
- Connection Port 3/8" NPT.

SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PL-S 600-100	400	5987	100	855.3	855.3	430.02	330	275.02	260	365
HE-PL-S 600-150	450	5987	150	855.3	855.3	430.02	330	275.02	260	412
HE-PL-S 800-100	410	7938	100	1134.1	11341	506.02	380	310.02	290	540
HE-PL-S 800-150	460	7938	150	1134.1	17012	506.02	380	310.02	290	610
HE-PL-S 1000-100	540	9929	100	1418.6	14186	560.02	425	350.02	330	729
HE-PL-S 1000-150	590	9929	150	1418.6	21279	560.02	425	350.02	330	809

INDUSTRIAL JACK

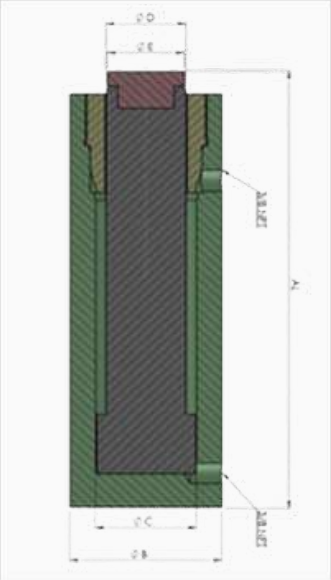
HE-PD SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Plain ram - Oil Return- Double Acting

FEATURES /ADVANTAGES

- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- Suits general lifting and push-pull applications.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt which extends cylinder life.
- Relief valve protects against over-pressurisation.
- Bottom mounting holes, collar threading are provided on request.
- Connection Port size 3/8-inch NPT.
- Custom strokes are also available





SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PD 20-150	310	217	150	31.2	468	97.02	63	50	48	14
HE-PD 25-150	315	270	150	38.5	577	97.02	70	55	53	14.3
HE-PD 30-150	320	310	150	44.2	663	105.02	75	55	53	15.6
HE-PD 50-150	330	550	150	78.5	1178	135.02	100	70	67	26.3
HE-PD 75-150	340	793	150	113.1	1696	155.02	120	90	87	38.5
HE-PD 100-150	350	1077	150	153.9	2309	185.02	140	110	106	53.5
HE-PD 150-150	360	1589	150	227.0	3405	218.02	170	140	137	84
HE-PD 200-150	380	2200	150	314.2	4712	255.02	200	150	146	116
HE-PD 250-150	390	2661	150	380.1	5702	280.02	220	180	177	148
HE-PD 300-150	415	3167	150	452.4	6786	310.02	240	180	177	181
HE-PD 400-150	435	4008	150	572.6	8588	350.02	270	220	216	225
HE-PD 500-150	475	4948	150	706.9	9990	400.02	300	250	240	445

INDUSTRIAL JACK

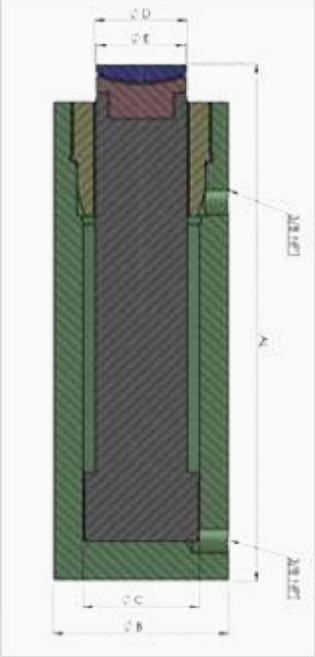
HE-PD-S SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Plain ram - Oil Return- Double Acting, Spherical Saddle

FEATURES /ADVANTAGES

- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty applications.
- Spherical saddle tilt angle max 5 degree.
- High-pressure long-life Oil seals. Ram wipers protect inner cylinder from dirt, which extends cylinder life.
- Relief valve protects against over pressurizing while in return position.
- Bottom mounting holes, collar threading are provided on request.
- Grooved Spherical saddle for adequate gripping.





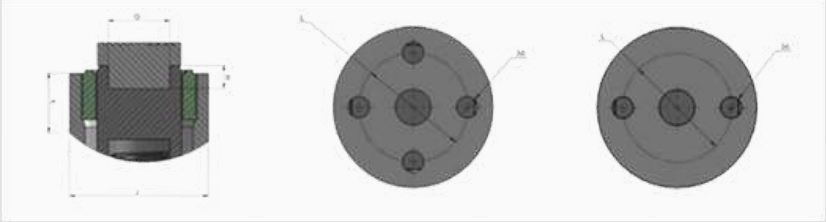
SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-PD-S 20-150	340	217	150	31.2	468	97.02	63	50	48	14
HE-PD-S 25-150	345	270	150	38.5	577	97.02	70	55	53	14.3
HE-PD-S 30-150	350	310	150	44.2	663	105.02	75	55	53	15.6
HE-PD-S 50-150	360	550	150	78.5	1178	135.02	100	70	67	26.3
HE-PD-S 75-150	370	793	150	113.1	1696	155.02	120	90	87	38.5
HE-PD-S 100-150	390	1077	150	153.9	2309	185.02	140	110	106	53.5
HE-PD-S 150-150	410	1589	150	227.0	3405	218.02	170	140	137	84
HE-PD-S 200-150	420	2200	150	314.2	4712	255.02	200	150	146	116
HE-PD-S 250-150	430	2661	150	380.1	5702	280.02	220	180	177	148
HE-PD-S 300-150	450	3167	150	452.4	6786	310.02	240	180	177	181
HE-PD-S 400-150	480	4008	150	572.6	8588	350.02	270	220	216	255
HE-PD-S 500-150	500	4948	150	706.9	10603	400.02	300	250	240	370
HE-PD-S 600-150	540	5987	150	855.3	12829	430.02	330	270	260	460
HE-PD-S 800-150	600	7938	150	1134.1	17012	505.02	380	300	290	660
HE-PD-S 1000-150	640	9930	150	1418.6	17012	560.02	425	350	340	900

INDUSTRIAL JACK

HE-PS-ST SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Model	"G" Ram Internal Threading	"H" Threading Depth	"J" Collar Threading	"K" C T Length	"L" Bottom Mounting Holes & PCD	"M" Bottom Threading Size	Threaded Depth
HE-PS-ST 20	M22 X 2P	25	M80 x 2P	35	55 X 2	M8	12
HE-PS-ST 25	M24 X 2P	25	M90 x 2P	40	60 X 2	M10	16
HE-PS-ST 30	M30 X 2P	25	M100 x 2P	40	65 X 2	M10	16
HE-PS-ST 50	M42 X 2P	25	M130 x 2P	40	90 X 2	M10	16
HE-PS-ST 75	M48 X 2P	25	M155 x 2P	40	110 X 2	M10	16
HE-PS-ST 100	M48 X 2P	25	M180 x 2P	40	125 X 4	M12	16
HE-PS-ST 150	M82 X 2P	25	M220 x 2P	50	150 X 4	M16	18
HE-PS-ST 200	M90 X 2P	25	M255 x 2P	50	180 X 2	M16	22

INDUSTRIAL JACK

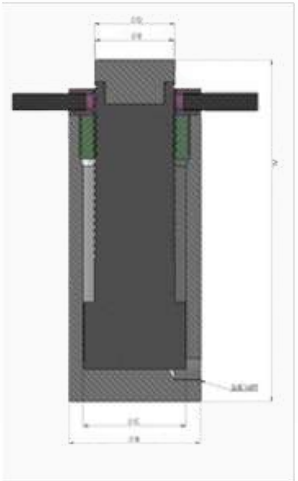
HE-TL-S SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Threaded ram with Lock nut Load Return - Single Acting, Spherical Saddle

FEATURES /ADVANTAGES

- Suits heavy lifting.
- Sustained load holding with lock nut in vertical and horizontal directions.
- Spherical saddle helps protect the jack from off-centre loads.





SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-TL-S 600-100	500	550	100	855.3	12100	450	330	275	260	560
HE-TL-S 600-150	550	793	150	855.3	12829	450	330	275	260	590
HE-TL-S 800-100	520	1077	100	1134.1	16790	530	380	310	290	685
HE-TL-S 800-150	570	1598	150	1134.1	17012	530	380	310	290	750
HE-TL-S 1000-100	550	2200	100	1418.6	21100	590	425	350	330	1080
HE-TL-S 1000-150	600	2661	150	1418.6	21279	590	425	350	330	1166

INDUSTRIAL JACK

HE-TS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Threaded ram with Lock nut Load Return - Single Acting, Plain Saddle





FEATURES /ADVANTAGES

- Cylinder is honed to a surface finish of 0.5 microns.
- Load return. Single acting, Threaded Ram, Safety Lock Nut. Alloy steel heat treated.
- Bottom mounting holes are provided for fixing. (Optional)
- High pressure seals for better life.
- Long lifting handles are provided for easy lifting at site.
- Connection Port 3/8" NPT.

SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-TS 20-150	280	217	150	31.2	470	85.02	63	55	50	9
HE-TS 25-150	300	270	150	38.5	579	95.02	70	60	55	11
HE-TS 30-150	300	310	150	44.2	665	105.02	75	65	60	15
HE-TS 50-150	315	550	150	78.5	1180	135.02	100	80	80	27
HE-TS 75-150	330	793	150	113.1	1696	156.02	120	95	95	39
HE-TS 100-150	350	1077	150	153.9	2313	185.02	140	120	110	59
HE-TS 150-150	365	1589	150	227.0	3410	225.02	170	140	140	97.5
HE-TS 200-150	380	2200	150	314.2	4712	258.02	200	160	158	132
HE-TS 250-150	395	2661	150	380.1	5710	285.02	220	180	180	164
HE-TS 300-150	410	3167	150	452.4	6795	315.02	240	200	195	212.4
HE-TS 400-150	450	4008	150	572.6	8588	355.02	270	220	210	305
HE-TS 500-150	475	5109	150	714.2	10955	405.02	300	250	240	350

INDUSTRIAL JACK

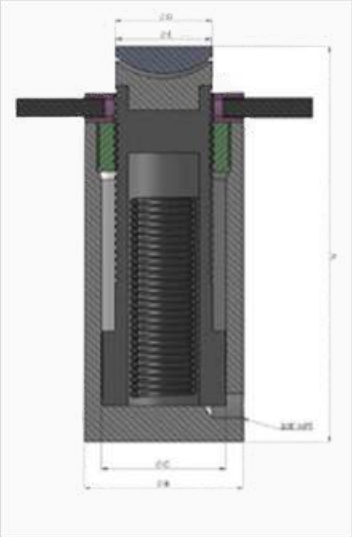
HE-TS-S SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Threaded ram with Lock nut Load Return - Single Acting, Spherical Saddle

FEATURES /ADVANTAGES

- Cylinder is honed to a surface finish of 0.5 microns.
- Spherical saddle tilt angle max 5
- Bottom mounting holes are provided for bolting.
- Connection Port 3/8" NPT.
- Long lifting handles are provided for easy lifting at site.
- Cylinder Body Hard chrome plated to avoid Scoring and Corrosion. Ram black bodies.
- Lock Nut for safety purpose to sustain load on lock nut for long time.
- High pressure Oil seals for better life.
- Alloy steel heat treated body for better life.





SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-TS-S 20-150	290	217	150	31.2	470	85.02	63	50.02	50	9
HE-TS-S 25-150	300	270	150	38.5	579	95.02	70	55.02	55	11.5
HE-TS-S 30-150	310	310	150	44.2	665	105.02	75	60.02	60	15
HE-TS-S 50-150	320	550	150	78.5	1180	135.02	100	80.02	80	27
HE-TS-S 75-150	335	793	150	113.1	1696	156.02	120	95.02	95	39
HE-TS-S 100-150	375	1077	150	153.9	2313	185.02	140	110.02	110	54
HE-TS-S 150-150	395	1589	150	227.0	3410	225.02	170	140.02	140	87.5
HE-TS-S 200-150	410	2200	150	314.2	4712	258.02	200	160.02	158	122
HE-TS-S 250-150	425	2661	150	380.1	5710	285.02	220	180.02	175	170
HE-TS-S 300-150	470	3167	150	452.4	6795	315.02	240	200.02	190	215
HE-TS-S 400-150	470	4008	150	572.6	8588	355.02	270	220.02	210	298
HE-TS-S 500-150	505	4948	150	706.5	10603	400.02	300	250.02	230	410

INDUSTRIAL JACK

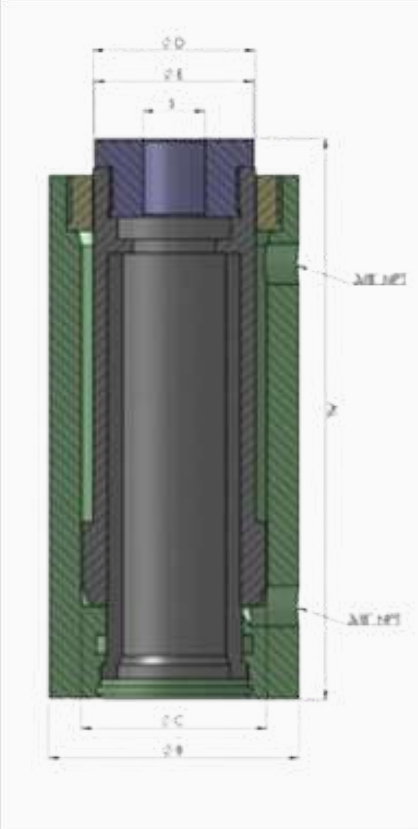
HE-HS SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Hollow Plain ram Spring Return- Single Acting

FEATURES /ADVANTAGES

- Removal & Assembly of pins, bushes, bearings, Sprockets, Gears & General Maintenance.
- Speed Nuts, Speed Nut Handles, Threaded Saddle, Plain Saddle Centre Screw, etc. can be provided as optional accessories.
- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty applications.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt which extends cylinder life.
- Fast & complete ram retraction.
- Bottom mounting holes, collar threading are provided on request.
- Connection Port size 3/8-inch NPT.





SPECIFICATIONS

Model	Cap. (Ton)	Cap. (kN)	Stroke in mm	"A" Close Height	Effective Area in Cm2	Oil Cap in cc	"B" Cylinder OD	"C" Cylinder Bore ID	"S" Hole Dia	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-HS 20-100	20	231	100	195	33.0	330	105	85	28	75	73	13.5
HE-HS 30-100	30	298	100	200	42.6	426	115	95	34	80	78	16
HE-HS 50-100	50	550	100	220	78.5	785	150	125	42	100	97	27
HE-HS 60-100	60	605	100	250	86.4	864	165	135	54	110	107	35
HE-HS 100-100	100	990	100	265	141.4	1414	215	180	77	150	146	62

SPECIFICATIONS

Model	Ram Internal Threading	Thread Depth	Collar Threads	Length	PCD x No. Of Holes	Bottom Thread Size	Thread Depth (Bottom)
HE-HS-20	M56 X 2P	23	M105 X 2P	36	85 X 2	M10	17
HE-HS-30	M64 X 2P	30	M115 X 2P	40	90 X 2	M10	17
HE-HS-50	M80 X 2P	30	M150 X 3P	40	125 X 2	M12	18
HE-HS-60	M90 X 2P	33	M165 X 3P	45	135 X 2	M12	20
HE-HS-100	M120 X 2P	40	M215 X 3P	50	180 X 2	M16	24

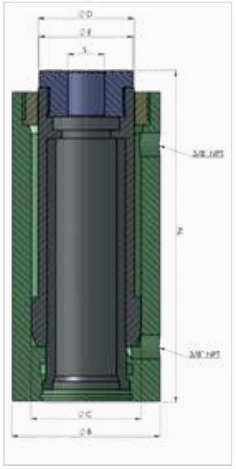
INDUSTRIAL JACK

HE-HD SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

HEMS Hollow Plain ram Oil Return- Double Acting

FEATURES /ADVANTAGES





- Removal & Assembly of pins, Bushes, bearings, Sprockets, Gears & General Maintenance.
- Speed Nuts, Speed Nut Handles, Threaded Saddle, Plain Saddle Centre Screw, Etc. can be provided as optional accessories.
- Alloy steel body for better life.
- Hard chrome-plated ram to resist scoring & corrosion.
- Ideal for heavy duty application.
- Suitable for use as bar jacks in prestressing applications on construction sites.
- Provides force in advance & return cycles.
- High-pressure long-life seals. Ram wiper protects inner cylinder from dirt, which extends cylinder life.
- Relief valve protects against over pressurizing.
- Fast & Complete ram retraction.
- Bottom mounting holes, collar threading & Spherical saddle are provided on request.
- Connection Port size 3/8-inch NPT.

APPLICATION

These jacks are designed to provide oil force in both the advance and retraction of ram, in vertical & horizontal position, where cycle time is crucial. These are mainly used for hydraulic testing machine and for lifting, lowering, spreading of structures, bridges, heavy machinery, etc.

SPECIFICATIONS

Model	"A" Close Height	Cap. in (kN)	Stroke in mm	Area in Cm2	Oil Cap in cc	"B" Cyl OD	"C" Cyl Bore ID	"S" Hole Dia	"D" Rod Dia	"E" Saddle Dia	wt. Approx in Kg
HE-HD-20-150	310	202	150	28.9	438	100	70	27	60	58	17.0
HE-HD-30-150	320	309	150	44.2	663	130	85	33	63	67	27
HE-HD-50-150	330	528	150	75.2	754	170	110	42	95	87	45
HE-HD-60-150	350	641	150	91.6	1560	190	125	54	120	97	69
HE-HD-80-150	360	845	150	122.1	1840	205	140	62	130	110	84
HE-HD-100-150	370	1093	150	156.1	2310	210	170	77	130	127	104

SPECIFICATIONS

Jack Ton	Hand Pump Used
20	PHHP-7 DCV
25, 30	PHHP-7 DCV
50	PHHP-7 DCV
75, 100, 150	PHHP-13 DCV
200	PHHP-13 DCV

- Specifications are subject to change due to continual improvement.
- Higher capacity and customized solution on request.
- Capacity and stroke specified are maximum safe limits. Use at 80% of rating as safe practice

HAND PUMPS

HE-HP SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Pump Stage	Model	Pressure (bar)	Oil Displacement (cc/stroke)	Oil Tank Capacity (L)	Usable Oil Volume (L)	Handle Force (kg)
Single Speed	HE-HP12/2-2	700	2.8	2	1.4	40
Single Speed	HE-HP12/2-3	700	2.8	3	2.4	40
Double Speed	HE-HP-5012/5	30 / 700	49 / 2.8	5	3.8	40
Double Speed	HE-HP-5012/7	30 / 700	49 / 2.8	7	6.4	40
Double Speed	HE-HP-5012/13	30 / 700	49 / 2.8	13	9	40
Double Speed	HE-HP-5012/7-DCV	30 / 700	49 / 2.8	7	6.4	40
Double Speed	HE-HP-5012/13-DCV	30 / 700	49 / 2.8	13	9	50

NOTE:

- Single-speed pumps are generally used with 10–30T jacks and deliver oil continuously.
- Double-speed pumps are generally used above 30T and deliver oil in two stages.

HYDRAULIC DISTRIBUTION BLOCKS

HE-DB SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Distributor Block	Model No.	Description	Type	End Connection
DB	DB1/2P09	1/2 – 1 Inlet x 2 Outlet	P – Plain	09 – 3/8" NPT (Female)
DB	DB1/4P09	1/4 – 1 Inlet x 4 Outlet	P – Plain	09 – 3/8" NPT (Female)
DB	DB1/2P09	1/2 – 1 Inlet x 2 Outlet	S – Shutoff valve	09 – 3/8" NPT (Female)
DB	DB1/4P09	1/4 – 1 Inlet x 4 Outlet	S – Shutoff valve	09 – 3/8" NPT (Female)
DB	DB1/5P09	1/5 – 1 Inlet x 5 Outlet	S – Shutoff valve	09 – 3/8" NPT (Female)
DB	DB1/6P09	1/6 – 1 Inlet x 6 Outlet	S – Shutoff valve	09 – 3/8" NPT (Female)
DB	DB2/4P09	2/4 – 2 Inlet x 4 Outlet*	S – Shutoff valve	09 – 3/8" NPT (Female)

HIGH / LOW PRESSURE HOSES

HE-HH SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED





SPECIFICATIONS

Hose Pipe	Material	Pressure	End Connection	Safety Ratio	Cover	Colour
HH	T – Thermoplastic R – Rubber	05 – 700 bar	01 – 1/4" BSP FSN 02 – 3/8" BSP FSN 03 – 1/4" NPT (M) 04 – 3/8" NPT (M)	1 – 2:1 2 – 4:1	F – Full Spring Cover S – Short Spring Cover N – No Spring Cover	R – Red B – Blue BK – Black
HH	R1 – Rubber	XX – 50, 63, 88, 105, 160, 180, 225	01 – 1/4" BSP FSN 02 – 3/8" BSP FSN 03 – 1/4" NPT (M) 04 – 3/8" NPT (M)	1 – 2:1	No Spring Cover	
HH	R2 – Rubber	XX – 90, 125, 165, 215, 276, 330, 400	01 – 1/4" BSP FSN 02 – 3/8" BSP FSN 03 – 1/4" NPT (M) 04 – 3/8" NPT (M)	1 – 2:1	N – No Spring Cover	BK – Black

NOTE:

Longer lengths and all kinds of end fittings are available.

QUICK CHANGE COUPLERS

HE-HQCC SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED





Type	Model / Description	Dust Caps	Pressure / Application
HQCC	0409 – 3/8" NPT (M) x 3/8" NPT (F) Std Set	YES	700 bar For Jacks
	04FH – 3/8" NPT (M) Female Half		
	09MH – 3/8" NPT (F) Male Half		
HQCC	0606 – 1/4" BSP (F) x 1/4" BSP (F) Std Set	NO	350 bar For Cylinders
	06FH – 1/4" BSP (F) Female Half		
	06MH – 1/4" BSP (F) Male Half		

HOSE ADAPTORS

HE-HHA SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED

SPECIFICATIONS

Hose Adaptor	End Connection	Pressure
HHA	1/4" BSP (M) x 3/8" BSP (M)	700 bar
HHA	3/8" NPT (M) x 3/8" BSP (M)	
HHA	1/4" BSP (M) x 1/4" BSP (M)	
HHA	3/8" BSP (M) x 3/8" BSP (M)	
HA	1/4" NPT (M) x 3/8" NPT (M)	
HA	3/8" NPT (M) x 3/8" NPT (M)	



PRESSURE GAUGES ACCESSORIES

HE-HG SERIES

REDUCES LABOUR TIME | PORTABLE DESIGN | SAFER REPAIRS | CE & UKCA CERTIFIED



SPECIFICATIONS

Gauge	Dial Diameter	Range	End Connection
HG	1-63	07 – 700 bar	03B – 1/4" BSP (M) 03 – 1/4" NPT (M)
HG	1-63	10 – 1000 bar	03 – 1/4" NPT (M)
HG	2-100	07 – 700 bar	03B – 1/4" BSP (M)
HG	2-100	10 – 1000 bar	08B – 1/2" BSP (M) 03 – 1/4" NPT (M) 08 – 1/2" NPT (M)

HEMS
HEAVY EQUIPMENT MAINTENANCE SOLUTIONS LIMITED

BRITISH ENGINEERING. TRUSTED GLOBALLY
KEEP YOUR EARTH MOVING MACHINERY MOVING

HAND TORQUE MULTIPLIER

HEMS HM

The HEMS Hand Torque Multiplier is a compact and powerful solution designed to deliver high torque output with minimal input effort. Ideal for tightening and loosening heavy-duty fasteners in a wide range of industrial applications.





FEATURES

- High torque output with low input effort
- Precision engineered for accuracy and reliability
- Compact and lightweight design for easy handling
- Ideal for maintenance, construction and industrial applications.

SPECIFICATIONS

HEMS MODEL	TORQUE CAPACITY			MULTIPLICATION FACTOR	FEMALE INPUT SQUARE	MALE OUTPUT SQUARE	MAJOR DIA (mm)	DEPTH (mm)	UNIT WEIGHT (kg)
	Lb.ft	N.m	Kgf.m						
HM - 1	1250	1700	170	5	1/2"	3/4"	115	87	4.5
HM - 2	1250	1700	170	5	3/4"	1"	115	90	5.0
HM - 2/25	1250	1700	170	25	1/2"	1"	115	120	7.0
HM - 5	2000	2700	275	5	3/4"	1"	136	91	11.0
HM - 5/25	2000	2700	275	25	1/2"	1"	136	120	11.0
HM - 6	2500	3400	345	5	3/4"	1" - 1/2"	136	91	8.5
HM - 6/25	2500	3400	345	25	1/2"	1" - 1/2"	136	120	11.5
HM - 7	4500	6000	622	5	3/4"	1" - 1/2"	168	115	15.5
HM - 7/25	4500	6000	622	25	1/2"	1" - 1/2"	168	190	19.5
HM - 9/25	7000	9500	965	25	3/4"	2" - 1/2"	220	225	27.0
HM - 11/25	11060	15000	1500	25	3/4"	2" - 1/2"	220	280	45.0

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

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VERTICAL HAND TORQUE MULTIPLIER

HEMS HVT

The HEMS Vertical Hand Torque Multiplier is designed to deliver high torque output in compact vertical configuration. Ideal for applications where space is limited or where a vertical force application is required.



FEATURES

- High torque output with low input effort
- Precision engineered for accuracy and reliability
- Compact vertical design for easy access in tight spaces
- Ideal for maintenance, construction and industrial applications

SPECIFICATIONS

HEMS MODEL	TORQUE CAPACITY		GEAR RATIO	INPUT DRIVE	OUTPUT DRIVE	UNIT WEIGHT (Kg)	HEIGHT (mm)	DIAMETER (mm)
	Lb.ft	N.m						
HVT - 15	1000	1335	4:5:1	1/2"	1"	3.0	175.0	80.0
HVT - 25	1350	1830	12:1	1/2"	1"	5.2	310.0	80.0
HVT - 35	2125	2880	15:1	1/2"	1"	6.1	285.0	80.0
HVT - 45	2500	3390	15:1	3/4"	1" - 1/2"	6.1	265.0	95.0
HVT - 65	3600	4960	21:1	3/4"	1" - 1/2"	8.4	240.0	114.0
HVT - 90	5076	6990	40:1	3/4"	1" - 1/2"	21.3	300.0	152.0

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

MANUAL TORQUE WRENCH

HEMS HWT

The HEMS Manual Torque Wrench is designed for precise tightening of bolts and fasteners with accuracy and reliability. It's durable construction and ergonomic design ensure easy operation in demanding industrial environments.



FEATURES

- Accurate torque control for reliable results
- Durable and robust construction for long service life
- Ergonomic handle design for comfortable grip and reduced fatigue
- Easy to operate and maintain
- Ideal for industrial, automotive and maintenance applications

SPECIFICATIONS

HEMS MODEL	TORQUE CAPACITY			Sq. Drive (inch)	Overall Length (mm)	Unit Weight (Kg)
	Nm	Kgf.m	lbf.ft			
HWT - 105 A	3 - 11	0.3 - 1.1	2 - 8	3/8"	190 / 205	0.45
HWT - 210 A	5 - 25	0.5 - 2.5	4 - 18	3/8"	210 / 225	0.85
HWT - 310 A	12 - 62	1.2 - 6	10 - 45	1/2"	245 / 258	1.3
HWT - 1050 A	25 - 125	2.5 - 13	18 - 90	1/2"	245 / 258	2
HWT - 2100 A	57 - 280	6 -28	45 - 200	1/2"	345 / 358	4
HWT - 3100 A	80 -380	8 - 38	70 - 280	3/4"	430 / 445	4
HWT - 4100 A	120 - 520	14 -52	100 - 400	3/4"	430 / 445	7
HWT - 5100 A	200 - 900	20 - 90	150 - 660	3/4"	530 / 545	9
HWT - 6000 A	400 - 2000	40 - 200	300 -1500	1"	645 / 665	12
HWT - 1.8 K	120 - 600	12 - 60	80 - 400	3/4"	1000 / 1020	6.6
HWT - 2.8 K	125 - 760	12 - 76	100 - 600	3/4"	1200 / 1240	13
HWT - 4.8 K	200 - 1200	20 - 120	150 - 900	3/4"	1200 / 1240	18
HWT - 5.10 K	280 - 1600	28 - 160	200 - 1200	1"	1250 / 1280	18
HWT - 10 K A	560 - 3000	55 - 300	400 - 2200	1"	1400 / 1510	28.5

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

HYDRAULIC NUT SPLITTERS

HEMS HNSS

HEMS Hydraulic Nut Splitters are designed to split stubborn or corroded nuts quickly and safely without causing damage to the bolt or surrounding components. compact, lightweight and easy to use they are ideal for maintenance and industrial applications where reliability and efficiency are essential.



FEATURES

- Splits nuts quickly and safely
- Hydraulic operation for maximum power with minimal effort
- No damage to bolt threads or surrounding components
- Compact and lightweight design for easy handling
- Ideal for maintenance, construction and industrial applications

SPECIFICATIONS

HEMS MODEL	STUD DIAMETER		NUT A/F		LOAD TON	DIMENSIONS (MM)				WEIGHT
	mm	inch	mm	inch		LMA	D	T	W	KG
HNSS-1636	22 - 11	7/16 - 7/8	16 - 36	5/8 - 1.7/16	25	256	106	13.5	36	11
HNSS-3651	22 - 32	7/16 - 1.1/4	36 - 51	1.7/16 - 2	25	256	108	14.5	38	12
HNSS-4660	32 - 38	1.1/4 - 1.1/2	46 - 60	1.13/16 - 2.3/8	50	329	154	18.2	50	35
HNSS-5770	35 - 45	1.3/8 - 1.3/4	57 - 70	2.1/4 - 2.3/4	50	357	154	20	51	36
HNSS-7090	45 - 57	1.3/4 - 2.1/4	70 - 90	2.3/4 - 3.1/2	100	395	200	21	74	75
HNSS-80100	52 - 68	2 -2.1/2	80 - 100	3.1/8 -3.7/8	100	495	202	23	78	79
HNSS-951088	64 - 70	2.1/2 - 2.3/4	95 - 108	3.7/8 - 4.1/4	150	450	246	32	89.5	123

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

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HYDRAULIC FLANGE SPREADER

HEMS HFS

The HEMS Hydraulic Flange Spreader is a compact and reliable tool designed to separate flanges safely and efficiently during maintenance, inspection and repair work. With a spreading capacity of up to 14 tonnes and a 39 mm stroke, it delivers controlled force while reducing manual effort and the risk of damage.



FEATURES

- High spreading force for efficient flange separation.
- Compact and lightweight design for easy handling
- Durable construction for long service life
- Simple and safe operation
- Ideal for maintenance, inspection and repair applications

SPECIFICATIONS

HEMS MODEL	Capacity (ton)	Stroke (mm)	L X W X H (mm)	Weight (kg)
HFS-14HS	14	39	250 X 110 X 125	7
HFS-14HM	14	39	250 X 110 X 115	14

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

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ELECTRIC TORQUE WRENCH

HEMS HEW

HEMS Electric Torque Wrenches deliver high torque with precision and reliability for industrial bolting applications. Built for performance, durability and operator safety in the most demanding environments.



FEATURES

- High torque output of heavy-duty bolting
- Precision performance with consistent torque accuracy
- Durable construction for long service life
- Ergonomic design for ease of operation
- Suitable for industrial and field applications

SPECIFICATIONS

HEMS MODEL	TORQUE VALUE	SQ. DRIVE	WEIGHT (Kg)
HEW - 08S	150 - 800 Nm	3/4"	5.5
HEW - 20S	350 - 2000 Nm	3/4"	6
HEW - 30S	600 - 3000 Nm	1"	9.8
HEW - 40S	800 - 4000 Nm	1"	10
HEW - 60S	900 - 6000 Nm	1.1/2"	13.3
HEW - 80S	1500 - 8000 Nm	1.1/2"	16
HEW - 100S	2000 - 10000 Nm	1.1/2"	18
HEW - 150S	2500 - 15000 Nm	1.1/2"	22

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

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PNEUMATIC TORQUE WRENCH

HEMS HPT

HEMS Pneumatic Torque Wrenches are engineered to deliver high torque with maximum reliability and operator safety. Designed for heavy-duty bolting applications in the most demanding industrial environments.



FEATURES

- High torque output of heavy-duty bolting
- Ideal for maintenance and repair applications
- Compact and lightweight design
- Accurate and consistent torque control
- Ergonomic and easy to operate

SPECIFICATIONS

HEMS MODEL	TORQUE (Nm) (MIN - MAX)	SQ. DRIVE	WEIGHT (Kg)
HPT - 50	100 - 500 Nm	3/4"	1
HPT - 100	150 - 1000 Nm	3/4"	4.8
HPT - 150	200 - 1500 Nm	1"	5.2
HPT - 200	300 - 2000 Nm	1"	5.5
HPT - 300	500 - 3000 Nm	1"	7.5
HPT - 400	700 - 6000 Nm	1.1/2"	9.5
HPT - 600	1000 - 6000 Nm	1.1/2"	14
HPT - 800	2000 - 8000 Nm	1.1/2"	18

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

TOOL BALANCERS

HEMS H SERIES

HEMS Tool Balancers are designed to increase productivity and reduce operator fatigue by keeping tools and equipment within easy reach. Built for durability and smooth performance in demanding industrial environments.



FEATURES

- Reduces operator fatigue and improves efficiency
- Smooth and consistent spring tension
- Wide capacity range for various tool weights
- Durable construction for long service life
- Suitable for industrial and field use.

SPECIFICATIONS

HEMS MODEL	Balancing Capacity		TRAVEL	ROPE	UNIT WEIGHT
	Min (Kg)	Max (Kg)	In MTR	DIA MM	In Kg
H - 1	0.25	1.5	1.5	2	1
H - 2	1	2	1.5	2	1
H - 3	1	3	1.5	2.5	1.8
H - 5	2.5	5	1.5	2.5	1.8
H - 9	4.5	9	1.5	4	4.2
H - 15	9	15	1.5	4	4.5
H - 22	15	22	1.5	5	9
H - 30	22	30	1.5	5	9.5
H - 40	30	40	1.5	5	10.5
H - 50	40	50	1.5	5	11.2
H - 60	50	60	1.5	5	12.6
H - 70	60	70	1.5	5	13.2
H - 85	70	85	1.5	8	25
H - 100	85	100	1.5	8	27.5
H - 120	100	120	1.5	8	30.5
H - 150	120	150	1.5	8	32
H - 180	150	180	1.5	8	35
H - 200	180	200	1.5	8	36

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

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BOLT TENSIONERS

HEMS HBT

HEMS Bolt Tensioners provide precise and controlled bolt tensioning for critical bolted joints. Designed for safety, reliability and effciency in the most demanding industrial applications.



FEATURES

- Precise and uniform bolt tensioning
- Reduces bolt stress and joint failure
- High strength and durable design
- Suitable for a wide range of bolt sizes
- Compact, lightweight and easy to handle
- Ideal for industrial and heavy-duty applications

HEMS MODEL	BOLT SIZE / STUD SIZE		CYLINDER (TONS)	STROKE (MM)	EFFECTIVE AREA (CM2)	DIMENSION (mm)									APPROX WEIGHT (Kg)
	METRIC	(INCHES)				A	B	C	D	E	F	G	H	J	
HBT-3	M16	-	23.5	10	15.7	62	90	168	75	49	28	16	30	32.5	2
	M18	3/4"								49					
	M20	-								51					
	M22	7/8"								51					
	M24	1"								60					
HBT-5	M27	1.1/8"	50	15	33	60	106	187	102	60	44	22	36	47	4
	M30	-								72					
	M33	1.1/4"								74					
	M36	1.3/8"								76					
	M39	1.1/2"								80					
HBT-9	M39	1.1/2"	90	15	59.7	60	120	208	133	88	56	28	49	61	6
	M42	1.5/8"								90					
	M45	1.3/4"								94					
	M48	1.7/8"								100					
HBT-13	M52	2"								104					
	M48	1.7/8"	125	15	83	62	135	231	163	110	68	34	59	73	10
	M52	2"								112					
	M56	2.1/4"								118					
	M60	-								126					
	M64	2.1/2"								126					
HBT-19	M64	2.1/2"	185	15	123	62	150	254	193	136	80	42	66	86.5	15
	M68	-								144					
	M72	2.3/4"								146					
	M76	3"								154					
HBT-27	M76	3"	265	15	176	73	180	286	233	162	104	48	77	110	24.5
	M80	-								162					
	M85	3.1/4"								174					
	M90	3.1/2"								185					
	M95	3.3/4"								200					
	M100	4"								212					

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX SOCKET

1/4" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-114	1/4"	HIM-106	6	12	17	25	50	10
HE-115	9/32"	HIM-107	7	13	17	25	50	10
HE-116	5/16"	HIM-108	8	14.5	17	25	50	10
HE-117	11/32"	HIM-109	9	16	17	25	50	10
HE-118	3/8"	HIM-110	10	16.5	17	25	50	10
HE-119	7/16"	HIM-111	11	17.5	17	25	50	12
-	-	HIM-112	12	19	17	25	50	12
HE-120	1/2"	HIM-113	13	19.5	17	25	50	12
HE-121	9/16"	HIM-114	14	21	17	28	50	13

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX SOCKET

3/8" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-216	5/16"	HIM-208	8	14	21	30	60	10
HE-218	3/8"	HIM-210	10	16.5	21	30	60	10
HE-219	7/16"	HIM-211	11	18	21	30	60	12
-	-	HIM-212	12	19	21	30	60	12
HE-220	1/2"	HIM-213	13	20	21	30	60	12
HE-221	9/16"	HIM-214	14	22	22	30	60	13
-	-	HIM-215	15	23	22	32	60	15
HE-223	5/8"	HIM-216	16	25	22	32	60	15
HE-224	11/16"	HIM-217	17	26	25	32	60	15
-	-	HIM-218	18	27	25	32	60	16
HE-225	3/4"	HIM-219	19	28.5	25	32	60	16
-	-	HIM-220	20	29	25	32	60	16
HE-227	13/16"	HIM-221	21	30	25	34	60	18
HE-228	7/8"	HIM-222	22	31	25	34	60	18

IMPACT HEX SOCKET

1/2" Sq. Dr. Impact Hex Socket

SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-316	5/16"	HIM-308	8	16	26	38	80	10
HE-318	3/8"	HIM-310	10	17	26	38	80	10
HE-319	7/16"	HIM-311	11	19	26	38	80	12
-	-	HIM-312	12	20	26	38	80	12
HE-320	1/2"	HIM-313	13	22	26	38	80	12
HE-321	9/16"	HIM-314	14	23	26	38	80	13
-	-	HIM-315	15	24.5	27	38	80	14
HE-323	5/8"	HIM-316	16	26	27	38	80	14
HE-324	11/16"	HIM-317	17	27	27	38	80	14
-	-	HIM-318	18	29	30	40	80	14
HE-325	3/4"	HIM-319	19	30	30	40	80	16
-	-	HIM-320	20	32	30	40	80	16
HE-327	13/16"	HIM-321	21	33.5	30	40	80	18
HE-328	7/8"	HIM-322	22	35	30	40	80	18
-	-	HIM-323	23	36.5	30	42	80	21
HE-329	15/16"	HIM-324	24	38	36	42	80	21
HE-330	1"	-	-	41	36	42	80	21
HE-331	1.1/16"	HIM-327	27	42	36	45	80	23
HE-332	1.1/8"	-	-	46	36	45	80	23
HE-333	1.3/16"	HIM-330	30	46	36	45	80	24
HE-334	1.1/4"	HIM-332	32	48	36	46	80	26
HE-336	1.3/8"	HIM-336	36	55	36	51	80	28
HE-338	1.1/2"	HIM-338	38	56	36	53	80	30

IMPACT HEX SOCKET

3/4" Sq. Dr. Impact Hex Socket

SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-421	9/16"	-	-	28	44	48	90	13
HE-423	5/8"	-	-	30	44	48	90	14
HE-424	11/16"	HIM-417	17	32	44	48	90	14
HE-425	3/4"	HIM-419	19	34	44	48	90	16
HE-427	13/16"	-	-	36	44	50	90	16
HE-428	7/8"	HIM-422	22	38.5	44	50	90	18
HE-429	15/16"	HIM-424	24	42	44	50	90	21
HE-430	1"	-	-	43.5	44	50	90	21
HE-431	1.1/16"	HIM-427	27	44	44	50	90	23
HE-432	1.1/8"	-	-	48	44	50	90	23
HE-433	1.3/16"	HIM-430	30	48	44	50	90	24
HE-434	1.1/4"	HIM-432	32	52	44	55	90	26
HE-435	1.5/16"	-	-	53	44	55	90	26
HE-436	1.3/8"	-	-	55	44	55	90	28
HE-437	1.7/16"	HIM-436	36	55	44	60	90	30
HE-438	1.1/2"	HIM-438	38	59	44	60	90	36
HE-439	1.5/8"	HIM-441	41	66	44	66	90	36
HE-440	1.11/16"	-	-	68	44	66	100	36
HE-441	1.13/16"	HIM-446	46	72	54	66	100	36
HE-442	1.7/8"	-	-	74	60	68	100	39
HE-443	1.15/16"	-	-	76	60	70	100	39
HE-444	2"	HIM-450	50	76	60	70	100	41
HE-445	2.1/16"	-	-	78	60	74	110	41
HE-446	2.3/16"	HIM-455	55	84	60	74	110	41
HE-447	2.1/4"	-	-	84	70	74	120	45
-	2.3/8"	HIM-460	60	88	70	78	120	-

IMPACT HEX SOCKET

1" Sq. Dr. Impact Hex Socket

FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance



SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-525	3/4"	HIM-519	19	38	54	63	110	16
HE-527	13/16"	-	-	38	54	63	110	18
HE-528	7/8"	HIM-522	22	40	54	63	110	18
HE-529	15/16"	HIM-524	24	42	54	63	110	21
HE-530	1"	-	-	44	54	63	110	21
HE-531	1.1/16"	HIM-527	27	46	54	63	110	23
HE-532	1.1/8"	-	-	49	54	63	110	23
HE-533	1.3/16"	HIM-530	30	50	54	63	110	24
HE-534	1.1/4"	HIM-532	32	52	54	63	110	26
HE-535	1.5/16"	-	-	54	54	63	110	26
HE-536	1.3/8"	-	-	56	54	66	110	28
HE-537	1.7/16"	HIM-536	36	58	54	66	110	28
HE-538	1.1/2"	HIM-538	38	62	54	66	110	30
HE-538 A	1.9/16"	-	-	65	54	68	110	32
HE-539	1.5/8"	-	-	67	54	68	110	36
HE-540	1.11/16"	HIM-541	41	67	54	68	110	36
HE-541	1.3/4"	-	-	67	54	68	110	36
HE-542	1.13/16"	-	-	72	54	74	110	36
HE-543	1.7/8"	HIM-546	46	74	54	74	110	36
HE-544	1.15/16"	-	-	74	54	74	110	36
HE-545	2"	-	-	75	70	76	110	39
HE-546	2.1/16"	HIM-550	50	77	70	76	110	39
HE-547	2.3/16"	-	-	77	70	76	120	41
HE-548	2.1/4"	HIM-555	55	86	70	78	120	41
HE-550	2.3/8"	-	-	86	70	78	120	41
HE-551	2.7/16"	HIM-560	60	90	70	81	120	45
HE-553	2.9/16"	-	-	90	70	85	120	45
HE-554	2.5/8"	HIM-565	65	98	80	85	120	46
HE-556	2.3/4"	-	-	98	80	85	130	46
HE-557	2.13/16"	HIM-570	70	104	80	90	130	50
HE-559	2.15/16"	-	-	104	80	90	130	50
HE-560	3"	HIM-575	75	112	80	94	130	57
HE-561	3.1/8"	HIM-580	80	118	80	100	140	62
HE-563	3.3/8"	HIM-585	85	125	80	104	140	62

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX SOCKET

1-1/2" Sq. Dr. Impact Hex Socket

FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance



METRIC SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-631	1.1/16"	-	-	54	86	80	130	23
HE-632	1.1/8"	-	-	58	86	80	130	23
HE-636	1.3/8"	-	-	64	86	80	130	28
HE-637	1.7/16"	HIM-636	36	64	86	80	130	28
HE-638	1.1/2"	HIM-638	38	69	86	80	130	30
HE-638 A	1.9/16"	-	-	69	86	80	130	32
HE-639	1.5/8"	HIM-641	41	69	86	83	130	36
HE-640	1.11/16"	-	-	69	86	83	130	36
HE-641	1.3/4"	-	-	69	86	86	130	36
HE-642	1.13/16"	-	-	76	86	86	130	36
HE-643	1.7/8"	HIM-646	46	76	86	90	130	36
HE-645	2"	-	-	81	86	90	130	39
HE-646	2.1/16"	HIM-650	50	81	86	90	140	41
HE-647	2.3/16"	-	-	88	86	95	140	41
HE-648	2.1/4"	HIM-665	55	88	86	95	140	41
HE-650	2.3/8"	-	-	96	86	98	140	45
HE-651	2.7/16"	-	60	96	86	98	140	45
HE-653	2.9/16"	HIM-660	-	102	86	102	140	46
HE-654	2.5/8"	-	-	102	86	102	140	46
HE-656	2.3/4"	HIM-665	70	108	86	102	150	50
HE-657	2.13/16"	-	-	108	86	102	150	50
HE-659	2.15/16"	HIM-680	75	116	86	108	150	57
HE-660	3"	HIM-685	-	116	86	108	150	57
HE-661	3.1/8"	HIM-680	80	120	86	110	150	62
HE-663	3.3/8"	HIM-695	85	130	86	115	170	62
HE-664	3.1/2"	HIM-690	90	135	125	118	170	65
HE-665	3.3/4"	HIM-695	95	140	125	123	170	70
HE-666	3.7/8"	HIM-6100	100	148	125	128	190	75
HE-668	4.1/8"	HIM-6105	105	155	125	133	190	80
HE-669	4.1/4"	-	-	155	125	133	190	80
-	-	HIM-6110	110	161	150	138	200	85
HE-670	4.1/2"	HIM-6115	115	162	150	143	200	94
HE-671	4.5/8"	HIM-6120	120	175	150	149	200	94

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX SOCKET

2-1/2" Sq. Dr. Impact Hex Socket

FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance



SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-750	2.3/8"	HIM-760	60	120	125	120	190	45
HE-753	2.9/16"	HIM-765	65	125	125	120	190	46
HE-756	2.3/4"	HIM-770	70	130	125	120	190	50
HE-759	2.15/16"	HIM-775	75	130	125	130	190	57
HE-761	3.1/8"	HIM-780	80	135	125	140	190	62
HE-763	3.3/8"	HIM-785	85	140	125	140	190	62
HE-764 A	3.5/8"	HIM-790	90	145	125	140	190	65
HE-765	3.3/4"	HIM-795	95	155	125	150	190	70
HE-766	3.7/8"	-	-	155	125	125	190	70
HE-767	4"	HIM-7100	100	160	125	125	200	75
HE-768	4.1/8"	HIM-7105	105	165	125	160	200	80
HE-769 A	4.3/8"	HIM-7110	110	174	150	160	160	85
HE-770	4.1/2"	HIM-7115	115	180	150	170	210	90
HE-771	4.5/8"	-	-	180	150	175	220	94
HE-772	4.3/4"	HIM-7120	120	185	150	175	220	94
HE-773	4.7/8"	-	-	185	150	175	220	94
TI-774	5"	-	-	195	150	175	220	98
-	-	HIM-7130	130	195	150	175	220	98
TI-775	5.3/8"	HIM-7135	135	205	150	180	220	102
TI-778	5.3/4"	HIM-7145	145	220	150	180	230	105
-	-	HIM-7150	150	230	180	190	250	110
TI-781	6.1/8"	HIM-7155	155	230	180	190	250	110
-	-	HIM-7160	160	240	180	190	-	110
TI-784	6.1/2"	HIM-7165	165	240	180	200	-	120
TI-787	6.7/8"	HIM-7175	175	255	180	200	-	120
TI-790	7.1/4"	HIM-7185	185	270	180	210	-	130
TI-793	7.5/8"	HIM-7195	195	275	180	210	-	130
TI-796	8"	HIM-7200	200	290	180	225	-	140

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX SOCKET

3-1/2" Sq. Dr. Impact Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HE-871	4.5/8"	HIM-8120	120	180	175	182	277	72
HE-873	4.7/8"	HIM-8130	130	193	175	190	280	80
HE-874	5.1/4"	HIM-8135	135	197	175	198	280	83
HE-875	5.3/8"	HIM-8145	145	213	175	214	295	86
HE-877	5.5/8"	HIM-8150	150	218	175	214	295	90
HE-878	5.3/4"	HIM-8155	155	225	175	214	297	92
HE-884	6.1/2"	HIM-8165	165	237	175	231	313	98
HE-886	6.3/4"	HIM-8170	170	243	175	231	313	100
HE-888	7"	HIM-8180	180	255	175	237	320	108
HE-893	7.5/8"	HIM-8195	195	275	175	245	328	118
HE-896	8"	HIM-8200	200	280	175	250	332	120
HE-8100	8.1/2"	HIM-8215	215	298	175	263	346	125
HE-8104	9"	HIM-8230	230	317	175	279	359	132
HE-8105	9.1/8"	HIM-8235	235	325	175	279	362	136

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

1/4" Sq. Dr. Impact Hex Bit Socket.

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEL-110	1/8"	HIM-103	3	41	15
HEL-111	5/32"	HIM-104	4	42	15
HEL-112	3/16"	HIM-105	5	43	20
HEL-113	7/32"	-	-	44	20
HEL-114	1/4"	HIM-106	6	45	25

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

3/8" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEL-210	1/8"	HIM-203	3	44	15
HEL-211	5/32"	HIM-204	4	44	15
HEL-212	3/16"	HIM-205	5	47	20
HEL-213	7/32"	-	-	49	20
HEL-214	1/4"	HIM-206	6	49	20
HEL-216	5/16"	HIM-208	8	49	25
HEL-218	3/8"	HIM-210	10	50	25

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

1/2" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEI-314	1/4"	HIM-306	6	53	20
HEI-316	5/16"	HIM-308	8	53	25
HEI-318	3/8"	HIM-310	10	57	25
HEI-320	1/2"	HIM-312	12	63	30
HEI-321	9/16"	HIM-314	14	63	30
HEI-323	5/8"	HIM-317	17	73	40

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

3/4" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEI-420	1/2"	HIM-412	12	80	30
HEI-421	9/16"	HIM-414	14	80	30
HEI-423	5/8"	HIM-417	17	90	40
425	3/4"	HIM-419	19	95	40
HEI-428	7/8"	HIM-422	22	95	45
-	-	HIM-424	24	100	50

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

1" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEI-518	3/8"	-	-	81	26
HEI-520	1/2"	-	-	84	30
HEI-521	9/16"	-	-	86	30
HEI-523	5/8"	-	-	98	40
-	-	HIM-517	17	100	40
HEI-525	3/4"	HIM-519	19	107	45
HEI-528	7/8"	HIM-522	22	112	45
HEI-529	15/16"	HIM-524	24	120	50
HEI-530	1"	-	-	120	50
HEI-531	1.1/16"	HIM-527	27	120	50
-	-	HIM-530	30	120	50
HEI-532	1.1/8"	-	-	120	50
-	-	HIM-532	32	120	50
-	-	HIM-536	36	120	50

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT HEX BIT SOCKET

1-1/2" Sq. Dr. Impact Hex Bit Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		APPROX OAL (mm)	HEX BIT LENGTH (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)		
HEI-630	1"	-	-	140	50
HEI-631	1.1/16"	-	-	140	50
HEI-632	1.1/8"	HIM-630	30	140	50
HEI-634	1.1/4"	HIM-632	32	140	50
-	-	HIM-636	36	145	55
HEI-638	1.1/2"	-	-	145	55
-	-	HIM-641	41	160	60
HEI-641	1.3/4"	-	-	170	70
-	-	HIM-646	46	170	70
HEI-645	2"	HIM-650	50	170	70

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT Bi-HEX SOCKET

1/4" Sq. Dr. Impact Bi-Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HT-114	1/4"	HM-16	6	10.5	15	25	50	10
HT-115	9/32"	HM-18	7	11	15	25	50	10
HT-116	5/16"	HM-18	8	12.5	15	25	50	10
HT-117	11/32"	HM-19	9	14	15	25	50	10
HT-118	3/8"	HM-110	10	15	15	25	50	10
HT-119	7/16"	HM-111	17	16.5	15	25	50	12
-	-	HM-112	12	17.5	16	25	50	12
HT-120	1/2"	HM-113	13	18.5	16	25	50	13
HT-121	9/16"	HM-114	14	20.5	16	28	50	13

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT Bi-HEX SOCKET

3/8" Sq. Dr. Impact Bi-Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SEA SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HT-214	1/4"	HM-206	1/64"	10.5	21	30	60	8
-	-	HM-207	7	11	21	30	60	8
HT-216	5/16"	HM-208	8	13	21	30	60	10
-	-	HM-209	9	13.5	21	30	60	10
HT-218	3/8"	HM-210	10	15	21	30	60	10
HT-219	7/16"	HM-211	11	17	21	30	60	12
-	-	HM-212	12	18	21	30	60	12
HT-220	1/2"	HM-213	13	19	21	30	60	12
HT-221	9/16"	HM-214	14	21	21	30	60	13
-	-	HM-215	15	22	22	32	60	15
HT-223	5/8"	HM-216	16	24	22	32	60	15
HT-224	11/16"	HM-217	17	25	22	32	60	15
-	-	HM-225	18	26	22	32	60	15
HT-225	3/4"	HM-219	19	27	25	32	60	16
-	-	HM-220	20	28	25	32	60	16
HT-227	13/16"	HM-221	21	29	25	34	60	18
HT-228	7/8"	HM-222	22	29	25	34	60	18

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT Bi-HEX SOCKET

1/2" Sq. Dr. Impact Bi-Hex Socket

HEMS Impact Hex Bit Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



FEATURES

- High-strength alloy steel construction
- Precision-machined for accurate fit
- Designed for high-torque impact tools
- Reduced fastener wear and rounding
- Heavy-duty industrial performance

SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART NO.	A/F (inches)	HEMS PART No.	A/F (mm)					
-	-	HM - 308	8	15	26	38	80	10
-	-	HM - 309	9	15	26	38	80	10
HT - 318	3/8"	HM - 310	10	16	26	38	80	10
HT - 319	7/16"	HM - 311	11	18	26	38	80	12
-	-	HM - 312	12	19	26	38	80	12
HT - 320	1/2"	HM - 313	13	20	26	38	80	12
HT - 321	9/16"	HM - 314	14	22	26	38	80	12
-	-	HM - 315	15	23	26	38	80	13
HT - 323	5/8"	HM - 316	16	24.5	26	38	80	14
HT - 324	11/16"	HM - 317	17	26	26	38	80	14
-	-	HM - 318	18	27	26	40	80	14
HT - 325	3/4"	HM - 319	19	28	26	40	80	14
-	-	HM - 320	20	29	26	40	80	16
HT - 327	13/16"	HM - 321	21	31	28	40	80	16
HT - 328	7/8"	HM - 322	22	33	28	40	80	18
-	-	HM - 323	23	34	28	42	80	18
HT - 329	15/16"	HM - 324	24	35	32	42	80	18
HT - 330	1"	HM - 325	25	36.5	32	42	80	21
-	-	HM - 326	26	38	32	42	80	21
HT - 331	1.1/16"	HM - 327	27	39	32	45	80	21
HT - 332	1.1/8"	HM - 328	28	42	32	45	80	23
HT - 333	1.3/16"	HM - 330	30	43.5	36	45	80	23
HT - 334	1.1/4"	HM - 332	32	45	36	45	80	24
HT - 335	1.5/16"	HM - 334	34	48	36	48	80	26
HT - 336	1.3/8"	-	-	49	36	48	80	26
HT - 337	1.7/16"	HM - 336	36	50	36	48	80	29
HT - 338	1.1/2"	HM - 338	38	52	36	50	80	31

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT Bi-HEX SOCKET

3/4" Sq. Dr. Impact Bi-Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HT-421	9/16"	-	-	26	38	48	90	13
HT-423	5/8"	-	-	28	38	48	90	14
HT-424	11/16"	HM-417	17	30	38	48	90	14
HT-425	3/4"	HM-419	19	32	38	50	90	16
HT-427	13/16"	-	-	34	38	50	90	16
HT-428	7/8"	HM-422	22	34	38	50	90	18
HT-429	15/16"	HM-424	24	36	38	50	90	21
HT-430	1"	-	-	38	38	50	90	21
HT-431	1.1/16"	HM-427	27	40	40	50	90	23
HT-432	1.1/8"	-	-	43	40	50	90	23
HT-433	1.3/16"	HM-430	30	44	40	55	90	24
HT-434	1.1/4"	HM-432	32	46	40	55	90	26
HT-435	1.5/16"	-	-	48	40	55	90	26
HT-436	1.3/8"	-	-	49	40	55	90	28
HT-437	1.7/16"	HM-436	36	52	40	55	90	28
HT-438	1.1/2"	HM-438	38	54	50	60	90	30
HT-439	1.5/8"	HM-441	41	56	50	63	90	32
HT-440	1.11/6"	-	-	59	50	65	100	32
HT-441	1.3"/4"	-	-	61	50	65	100	36
HT-442	1.13"/8"	HM-446	46	63	50	68	100	36
HT-443	1.7"/8"	-	-	66	60	68	100	36
HT-445	2"	HM-450	50	68	60	70	100	39
-	-	HM-455	55	76	60	72	110	41
-	-	HM-460	60	84	60	75	110	45

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

IMPACT Bi-HEX SOCKET

1" Sq. Dr. Impact Bi-Hex Socket

HEMS Impact Hex Sockets are engineered for high-torque fastening applications, delivering exceptional strength, durability, and precise fitment. Manufactured from premium-grade alloy steel, they provide reliable performance for heavy equipment maintenance, mining, construction, and industrial repair operations.



SAE SIZE		METRIC SIZE		D1	D2	S	L	T
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)					
HT-531	1.1/16"	HM-527	27	40	48	63	110	23
HT-532	1.1/8"	-	-	46	48	63	110	23
HT-533	-	HM-530	30	46	48	63	110	24
HT-534	1.1/4"	HM-532	32	48	48	63	110	26
HT-535	1.5/16"	-	-	50	48	63	110	26
HT-536	1.3/8"	-	-	54	48	66	110	28
HT-537	1.7/16"	HM-536	36	55	48	66	110	30
HT-538	1.1/2"	HM-538	38	57	48	66	110	30
HT-539	1.5/8"	HM-541	41	60	50	68	110	36
HT-540	1.11/16"	-	-	63	50	68	110	36
HT-542	1.13/16"	HM-546	46	66	60	74	110	36
HT-543	1.7/8"	-	-	66	60	74	110	36
HT-544	1.5/16"	-	-	69	60	76	110	39
HT-545	2"	HM-550	50	71	60	76	110	39
HT-546	2.1/16"	-	-	75	60	76	110	41
HT-547	2.3/16"	HM-555	55	78	60	78	120	41
HT-548	2.1/4"	-	-	82	60	78	120	41
HT-550	2.3/8"	HM-560	60	84	60	81	120	45
HT-551	2.7/16"	-	-	86	60	81	120	45
HT-553	2.9/16"	HM-565	65	90	80	85	120	48
HT-554	2.5/8"	-	-	94	80	85	120	48
HT-556	2.3/4"	HM-570	70	96	80	90	120	48
HT-557	2.13/16"	-	-	99	80	90	120	48
HT-559	2.15/16"	HM-575	75	102	80	94	120	48
HT-560	3"	-	-	105	80	94	120	54
HT-561	3.1/8"	HM-580	80	108	80	98	140	57
HT-563	3.3/8"	HM-585	85	114	80	104	140	57
-	3.1/2"	-	-	112	80	104	140	57

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

SQUARE DRIVE ADAPTER

HIA SERIES

HEMS Impact Adaptors provide a reliable connections between different square-drive sizes, allowing impact tools and sockets to be used across a wider range of applications. Manufactured for strength and durability in demanding industrial environments.



FEATURES

- Heavy-duty construction for demanding applications
- Connects different square-drive sizes
- Compact design for easy handling
- Suitable for impact tools and sockets

SPECIFICATIONS

METRIC SIZE		MALE SQ.	OAL (mm)
HEMS PART No.	FEMALE SQ.		
HIA-1	1/4"	3/8"	27
HIA-2	3/8"	1/4"	32
HIA-3	3/8"	1/2"	35
HIA-4	1/2"	3/8"	38
HIA-5	3/4"	1/2"	44
HIA-6	1/2"	3/4"	44
HIA-7	1/2"	1/2"	38
HIA-8	3/4"	3/4"	44
HIA-8	3/4"	1"	44
HIA-10	1"	3/4"	70
HIA-11	1"	1-1/2"	90
HIA-12	1"	1"	80
HIA-14	1-1/2"	1"	110
HIA-16	1-1/2"	2-1/2"	135
HIA-17	2-1/2"	1-1/2"	165
HIA-18	2-1/2"	3-1/2"	210
HIA-19	3-1/2"	2-1/2"	240

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

EXTENSION BARS

HIB SERIES

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



SPECIFICATIONS

METRIC SIZE		MALE SQ.	OAL (mm)
HEMS PART No.	FEMALE SQ.		
HIB-1055	1/4"	1/4"	55
HIB-1100	1/4"	1/4"	100
HIB-1150	1/4"	1/4"	150
HIB-2075	3/8"	3/8"	75
HIB-2150	3/8"	3/8"	150
HIB-2300	3/8"	3/8"	300
HIB-3075	1/2"	1/2"	75
HIB-3125	1/2"	1/2"	125
HIB-3250	1/2"	1/2"	250
HIB-4175	3/4"	3/4"	175
HIB-4210	3/4"	3/4"	210
HIB-4430	3/4"	3/4"	430
HIB-5175	1"	1"	175
HIB-5200	1"	1"	200
HIB-5400	1"	1"	400
HIB-6250	1.1/2"	1.1/2"	250
HIB-6500	1.1/2"	1.1/2"	500
HIB-7255	2.1/2"	2.1/2"	255
HIB-7380	2.1/2"	2.1/2"	380
HIB-7510	2.1/2"	2.1/2"	510
HIB-8510	3.1/2"	3.1/2"	510
HIB-8750	3.1/2"	3.1/2"	750

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

EXTENSION BARS

3/8" Sq. Dr. Impact Hex Extension Sockets

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



SPECIFICATIONS

HEMS PART No.	A/F (mm)	OAL (mm)
HESM-207	7	100
HESM-207 L	7	150
HESM-207 X	7	200
HESM-207 XL	7	250
HESM-208	8	100
HESM-208 L	8	150
HESM-208 X	8	200
HESM-208 XL	8	250
HESM-209	9	100
HESM-209 L	9	150
HESM-209 X	9	200
HESM-209 XL	9	250
HESM-210	10	100
HESM-210 L	10	150
HESM-210 X	10	200
HESM-210 XL	10	250
HESM-211	11	100
HESM-211 L	11	150
HESM-211 X	11	200
HESM-211 XL	11	250
HESM-212	12	100
HESM-212 L	12	150
HESM-212 X	12	200
HESM-212 XL	12	250
HESM-213	13	100
HESM-213 L	13	150
HESM-213 X	13	200
HESM-213 XL	13	250
HESM-214	14	100
HESM-214 L	14	150
HESM-214 X	14	200
HESM-214 XL	14	250

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

EXTENSION BARS

1/2" Sq. Dr. Impact Hex Extension Sockets

HEMS Impact Extension Bars provide additional reach when accessing recessed or difficult-to-reach fasteners. Manufactured for strength, durability and reliable torque transfer, they are designed to withstand demanding industrial environments. Available in various drive sizes and lengths, the HIB Series offers a practical solution for construction, maintenance, marine and mining applications.



SPECIFICATIONS

HEMS PART No.	A/F (mm)	OAL (mm)
HESM-310	10	100
HESM-310 L	10	150
HESM-310 X	10	200
HESM-310 XL	10	250
HESM-311	11	100
HESM-311 L	11	150
HESM-311 X	11	200
HESM-311 XL	11	250
HESM-312	12	100
HESM-312 L	12	150
HESM-312 X	12	200
HESM-312 XL	12	250
HESM-313	13	100
HESM-313 L	13	150
HESM-313 X	13	200
HESM-313 XL	13	250
HESM-314	14	100
HESM-314 L	14	150
HESM-314 X	14	200
HESM-314 XL	14	250
HESM-317	17	100
HESM-317 L	17	150
HESM-317 X	17	200
HESM-317 XL	17	250

HEMS PART No.	A/F (mm)	OAL (mm)
HESM-319	19	100
HESM-319 L	19	150
HESM-319 X	19	200
HESM-319 XL	19	250
HESM-321	21	100
HESM-321 L	21	150
HESM-321 X	21	200
HESM-321 XL	21	250
HESM-322	22	100
HESM-322 L	22	150
HESM-322 X	22	200
HESM-322 XL	22	250
HESM-323	23	100
HESM-323 L	23	150
HESM-323 X	23	200
HESM-323 XL	23	250
HESM-324	24	100
HESM-324 L	24	150
HESM-324 X	24	200
HESM-324 XL	24	250
HESM-327	27	100
HESM-327 L	27	150
HESM-327 X	27	200
HESM-327 XL	27	250

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

NUT SETTER/ RUNNER

HNR SERIES

The HNR Series impact hex sockets are engineered for reliable fastening and removal in demanding industrial environments. Manufactured for strength, durability and consistent performance, they provide secure engagement with fasteners while helping reduce slipping and wear. Available in a range of sizes and lengths, including extended options, the HNR Series provides easier access to recessed and difficult-to-reach fasteners across construction, mining, marine and industrial maintenance applications.



HEMS PART NO.	Hex Drive Flat	A/F (mm)	Socket	OAL (mm)
HNR - 106	1/4"	6	11	75
HNR - 106 L	1/4"	6	11	100
HNR - 106 X	1/4"	6	11	150
HNR - 107	1/4"	7	12	75
HNR - 107 L	1/4"	7	12	100
HNR - 107 X	1/4"	7	12	150
HNR - 108	1/4"	8	13	75
HNR - 108 L	1/4"	8	13	100
HNR - 108 X	1/4"	8	13	150
HNR - 109	1/4"	9	15	75
HNR - 109 L	1/4"	9	15	100
HNR - 109 X	1/4"	9	15	150
HNR - 110	1/4"	10	16	75
HNR - 110 L	1/4"	10	16	100
HNR - 110 X	1/4"	10	16	150
HNR - 111	1/4"	11	17.5	75
HNR - 111 L	1/4"	11	17.5	100
HNR - 111 X	1/4"	11	17.5	150
HNR - 112	1/4"	12	18.5	75
HNR - 112 L	1/4"	12	18.5	100
HNR - 112 X	1/4"	12	18.5	150
HNR - 113	1/4"	13	19.5	75
HNR - 113 L	1/4"	13	19.5	100
HNR - 113 X	1/4"	13	19.5	150
HNR - 114	1/4"	14	20.5	75
HNR - 114 L	1/4"	14	20.5	100
HNR - 114 X	1/4"	14	20.5	150

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

SLUGGING/STRIKING WRENCH

STRAIGHT RING TYPE

SAE SIZE		METRIC SIZE		OAL (mm)	HEAD DIA. (mm)	HEAD THK. (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)			
HS-25	3/4"	HSM-19	19	175	54	18
HS-28	7/8"	HSM-22	22	176	54	18
HS-29	15/16"	HSM-24	24	177	54	18
HS-31	1 1/16"	HSM-27	27	178	54	18
HS-32	1 1/8"	HSM-29	29	179	54	18
HS-33	1 3/16"	HSM-30	30	210	68	22
HS-34	1 1/4"	HSM-32	32	211	68	22
HS-35	1 5/16"	HSM-33	33	212	68	22
HS-36	1 3/8"	HSM-35	35	213	68	22
HS-37	1 7/16"	HSM-36	36	214	68	22
HS-38	1 1/2"	HSM-38	38	215	68	22
HS-39	1 5/8"	HSM-41	41	245	80	28
HS-40	1 11/16"	HSM-43	43	245	80	28
HS-41	1 3/4"	HSM-44	44	245	80	28
HS-42	1 13/16"	HSM-46	46	245	80	28
HS-43	1 7/8"	HSM-47	47	245	80	28
HS-45	2"	HSM-50	50	250	80	28
HS-46	2 1/16"	HSM-52	52	285	102	35
HS-47	2 3/16"	HSM-55	55	285	102	35
HS-48	2 1/4"	HSM-57	57	285	102	35
HS-50	2 3/8"	HSM-60	60	285	102	35
HS-51	2 7/16"	HSM-62	62	285	102	35
HS-52	2 1/2"	HSM-63	63	285	102	35
HS-53	2 9/16"	HSM-65	65	285	102	35
HS-54	2 5/8"	HSM-67	67	322	122	40
HS-56	2 3/4"	HSM-70	70	322	122	40
HS-57	2 13/16"	HSM-71	71	322	122	40
HS-59	2 15/16"	HSM-75	75	322	122	40
HS-60	3"	HSM-76	76	322	122	40
HS-61	3 1/8"	HSM-80	80	322	122	40
HS-63	3 3/8"	HSM-85	85	340	130	40
HS-64	3 5/8"	HSM-90	90	350	136	45
HS-65	3 3/4"	HSM-95	95	375	140	45
HS-66	3 7/8"	-	-	415	158	50
HS-67	4"	HSM-100	100	415	158	50
HS-68	4 1/8"	HSM-105	105	450	164	50
HS-69	4 1/4"	HSM-110	110	450	170	55
HS-70	4 1/2"	HSM-115	115	465	175	55
HS-72	4 3/4"	HSM-120	120	490	190	60
HS-73	4 7/8"	HSM-125	152	510	200	60
HS-74	5"	HSM-130	130	515	210	65
HS-75	5 3/8"	HSM-135	135	540	222	65
HS-76	5 1/2"	HSM-140	140	550	230	70
HS-78	5 3/4"	HSM-145	145	565	230	70
HS-80	6"	HSM-150	150	565	230	70
HS-81	6 1/8"	HSM-155	155	565	230	70
HS-82	6 1/4"	HSM-160	160	635	270	70
HS-84	6 1/2"	HSM-165	165	635	270	70
HS-86	6 3/4"	HSM-170	170	635	270	70
HS-87	6 7/8"	HSM-175	175	635	270	70
HS-89	7 1/8"	HSM-180	180	635	270	70
HS-90	7 1/4"	HSM-185	185	680	295	75
HS-92	7 1/2"	HSM-190	190	680	295	75
HS-93	7 5/8"	HSM-195	195	680	295	75
HS-95	7 7/8"	HSM-200	200	680	295	75
HS-97	8 1/8"	HSM-205	205	680	295	75
HS-98	8 1/4"	HSM-210	210	725	325	80
HS-100	8 1/2"	HSM-215	215	725	325	80
HS-101	8 5/8"	HSM-220	220	725	325	80
HS-103	8 7/8"	HSM-225	225	725	325	80
HS-105	9 1/8"	HSM-230	230	725	325	80

SLUGGING/STRIKING WRENCH

OFFSET HANDLE RING TYPE

SAE SIZE		METRIC SIZE		OAL (mm)	HEAD DIA. (mm)	HEAD THK. (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)			
HOS-25	3/4"	HOM-19	19	250	56	22
HOS-28	7/8"	HOM-22	22	250	56	22
HOS-29	15/16"	HOM-24	24	265	56	24
HOS-31	1 1/16"	HOM-27	27	265	56	24
HOS-33	1 3/16"	HOM-30	30	270	56	24
HOS-34	1 1/4"	HOM-32	32	270	58	25
HOS-35	1 5/16"	HOM-33	33	310	59	25
HOS-36	1 3/8"	HOM-35	35	290	62	32
HOS-37	1 7/16"	HOM-36	36	290	64	28
HOS-38	1 1/2"	HOM-38	38	290	66	28
HOS-39	1 5/8"	HOM-41	41	290	68	28
HOS-40	1 11/16"	HOM-43	43	340	68	28
HOS-41	1 3/4"	HOM-44	44	340	68	28
HOS-42	1 13/16"	HOM-46	46	340	76	32
HOS-43	1 7/8"	HOM-47	47	360	76	35
HOS-45	2"	HOM-50	50	360	82	36
HOS-46	2 1/16"	HOM-52	52	360	85	38
HOS-47	2 3/16"	HOM-55	55	380	90	38
HOS-48	2 1/4"	HOM-57	57	380	90	38
HOS-50	2 3/8"	HOM-60	60	380	96	41
HOS-51	2 7/16"	HOM-62	62	380	100	44
HOS-52	2 1/2"	HOM-63	63	380	102	44
HOS-53	2 9/16"	HOM-65	65	380	105	45
HOS-54	2 5/8"	HOM-67	67	380	108	44
HOS-56	2 3/4"	HOM-70	70	400	112	48
HOS-57	2 13/16"	HOM-71	71	400	112	50
HOS-59	2 15/16"	HOM-75	75	400	120	55
HOS-60	3"	HOM-76	76	400	122	50
HOS-61	3 1/8"	HOM-80	80	435	126	60
HOS-63	3 3/8"	HOM-85	85	435	132	60
HOS-64	3 5/8"	HOM-90	90	440	142	50
HOS-65	3 3/4"	HOM-95	95	465	150	60
HOS-66	3 7/8"	HOM-98	98	465	158	60
HOS-67	4"	HOM-100	100	465	164	60
HOS-68	4 1/8"	HOM-105	105	540	172	65
HOS-69	4 1/4"	HOM-110	110	540	180	65
HOS-70	4 1/2"	HOM-115	115	540	186	65
HOS-72	4 3/4"	HOM-120	120	540	194	70
HOS-73	4 7/8"	HOM-125	125	540	200	70
HOS-74	5"	HOM-130	130	540	205	70

SLUGGING/STRIKING WRENCH

STRAIGHT HANDLE OPEN JAW TYPE

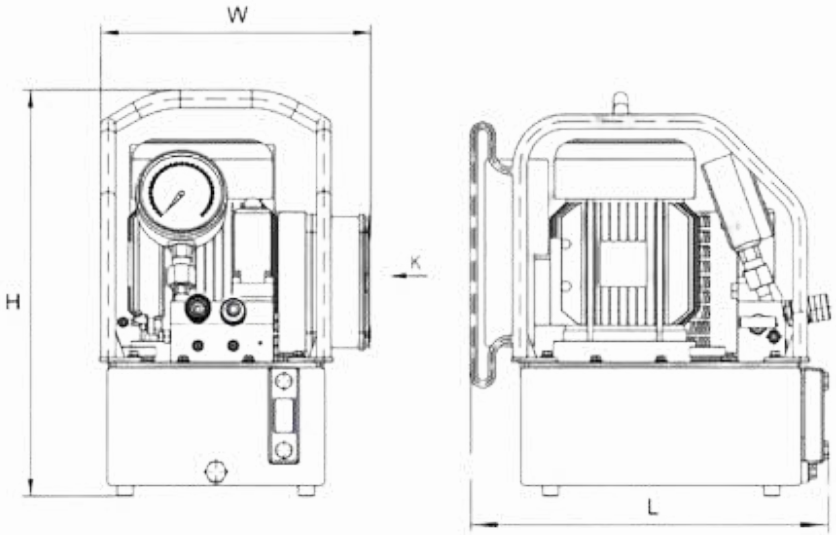
SAE SIZE		METRIC SIZE		OAL (mm)	HEAD DIA. (mm)	HEAD THK. (mm)
HEMS PART No.	A/F (inches)	HEMS PART No.	A/F (mm)			
HDS-25	3/4"	HDM-19	19	190	54	18
HDS-28	7/8"	HDM-22	22	190	54	18
HDS-29	15/16"	HDM-24	24	190	54	18
HDS-31	1 1/16"	HDM-27	27	190	54	18
HDS-32	1 1/8"	HDM-29	29	190	54	18
HDS-33	1 3/16"	HDM-30	30	190	54	18
HDS-34	1 1/4"	HDM-32	32	190	80	18
HDS-35	1 5/16"	HDM-33	33	210	80	18
HDS-36	1 3/8"	HDM-35	35	210	80	18
HDS-37	1 7/16"	HDM-36	36	210	80	18
HDS-38	1 1/2"	HDM-38	38	275	80	18
HDS-39	1 5/8"	HDM-41	41	275	110	22
HDS-40	1 11/16"	HDM-43	43	275	110	22
HDS-41	1 3/4"	HDM-44	44	275	110	22
HDS-42	1 13/16"	HDM-46	46	275	110	22
HDS-43	1 7/8"	HDM-47	47	275	110	22
HDS-45	2"	HDM-50	50	325	110	22
HDS-46	2 1/16"	HDM-52	52	325	135	25
HDS-47	2 3/16"	HDM-55	55	325	135	25
HDS-48	2 1/4"	HDM-57	57	325	135	25
HDS-50	2 3/8"	HDM-60	60	362	135	25
HDS-51	2 7/16"	HDM-62	62	362	150	32
HDS-52	2 1/2"	HDM-63	63	362	150	32
HDS-53	2 9/16"	HDM-65	65	362	150	32
HDS-54	2 5/8"	HDM-67	67	362	150	32
HDS-56	2 3/4"	HDM-70	70	362	150	32
HDS-57	2 13/16"	HDM-71	71	405	172	36
HDS-59	2 15/16"	HDM-75	75	405	172	36
HDS-60	3"	HDM-76	76	405	172	36
HDS-61	3 1/8"	HDM-80	80	405	172	36
HDS-63	3 3/8"	HDM-85	85	430	180	38
HDS-64	3 5/8"	HDM-90	90	455	195	40
HDS-65	3 3/4"	HDM-95	95	455	195	40
HDS-66	3 7/8"	HDM-98	98	455	206	40
HDS-67	4"	HDM-100	100	500	210	47
HDS-68	4 1/8"	HDM-105	105	500	220	47
HDS-69	4 1/4"	HDM-110	110	500	226	47
HDS-70	4 1/2"	HDM-115	115	550	238	56
HDS-72	4 3/4"	HDM-120	120	550	247	56
HDS-73	4 7/8"	HDM-125	125	550	255	56
HDS-74	5"	HDM-130	130	575	275	60

ELECTRIC PUMP

HEM-EP SERIES

This electric torquing pump features a compact, automatic three-stage design and adjustable pressure from 70 to 700 bar. It can operate one or two torque wrenches simultaneously, or up to four with the optional manifold. Its aluminium frame and oil tank reduce weight, while the high-efficiency radiator supports continuous operation. Additional features include remote control, a pressure gauge, internal pressure adjustment and a pressure-relief valve.





ELECTRIC PUMP		
MODEL NO	**HEM-EP-3TW-2**	**HEM-EP-3TW-4**
OPERATING WRENCH	2	4
TANK CAPACITY	8L	8L
FLOW (Low-Medium-High)	7-1.6-0.8L/min	7-1.6-0.8L/min
OUTPUT PRESSURE	70~700 bar	70~700 bar
SOURCE OF POWER	220V/50HZ	220V/50HZ
POWER	1.1KW	1.1KW
WEIGHT	27.7 KG	29.9 KG
VOLUME	307X407X450 mm	307X407X470 mm

TYPICAL APPLICATIONS

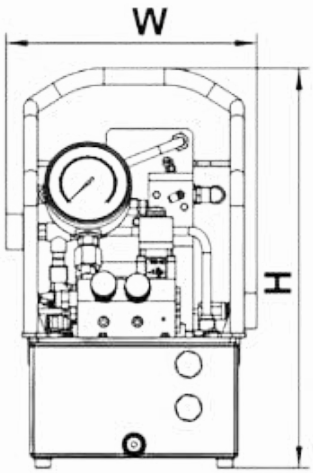
- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

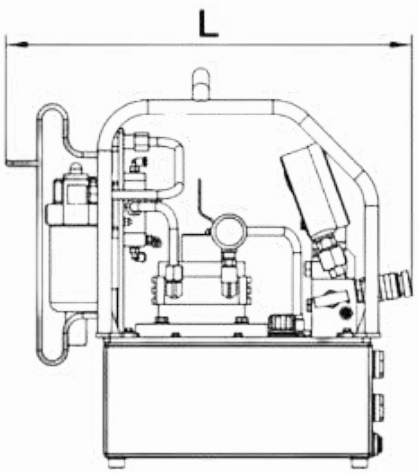
PNEUMATIC PUMP

HEM-PP SERIES

The HEMS Pneumatic Pump delivers reliable and efficient hydraulic power for demanding industrial bolting applications. Available in models capable of operating either two or four hydraulic torque wrenches simultaneously, it helps increase productivity and maintain consistent performance across multiple fasteners. With three flow settings, an output pressure of up to 700 bar and a compact 8-litre tank, the pump provides controlled operation while its air-powered design makes it ideal for environments where electrical power may be unsuitable or unavailable.







PNEUMATIC PUMP		
MODEL NO	**HEM-PP-10TW-2**	**HEM-PP-10TW-4**
OPERATING WRENCH	2	4
TANK CAPACITY	8L	8L
FLOW (Low-Medium-High)	8.6-2.2-1.1L/min	8.6-2.2-1.1L/min
OUTPUT PRESSURE	70~700 bar	70~700 bar
AIR IN	4~8bar	4~8bar
POWER	3KW	3KW
WEIGHT	23 KG	23.5 KG
VOLUME	289X407X450 mm	289X407X470 mm

TYPICAL APPLICATIONS

- CONSTRUCTION EQUIPMENT
- INDUSTRIAL MAINTENANCE
- MARINE APPLICATIONS
- MINING EQUIPMENT

HEMS

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PRODUCT VIDEOS

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