

**KEEP YOUR EARTHMOVING
MACHINERY MOVING**

MASTER PIN PUSHER

Portable track presses that are part of the HEPP series.

They make it possible to assemble and disassemble:

- chain sections
- driving wheels
- pulleys and rollers
- gears
- bearings
- shafts

This can all be done in workshop or on site with this tool. HEMS offer various size options from 30 - 300 Tons (depending on make/model of the tracks and applications.

HEMS also offer specialised packages of designed Master Pin Pushers specifically for numerous OEMs.

For consultation and further information, contact sales@hemsltd.com



Advantages:

- **Safe and effective removal/installation of Track and Master Pins and Bushings**
- **Reduction in labour hours**
- **Cost effective**
- **Eliminates old dangerous methods**



Heavy Equipment Maintenance Solutions (HEMS) Ltd.

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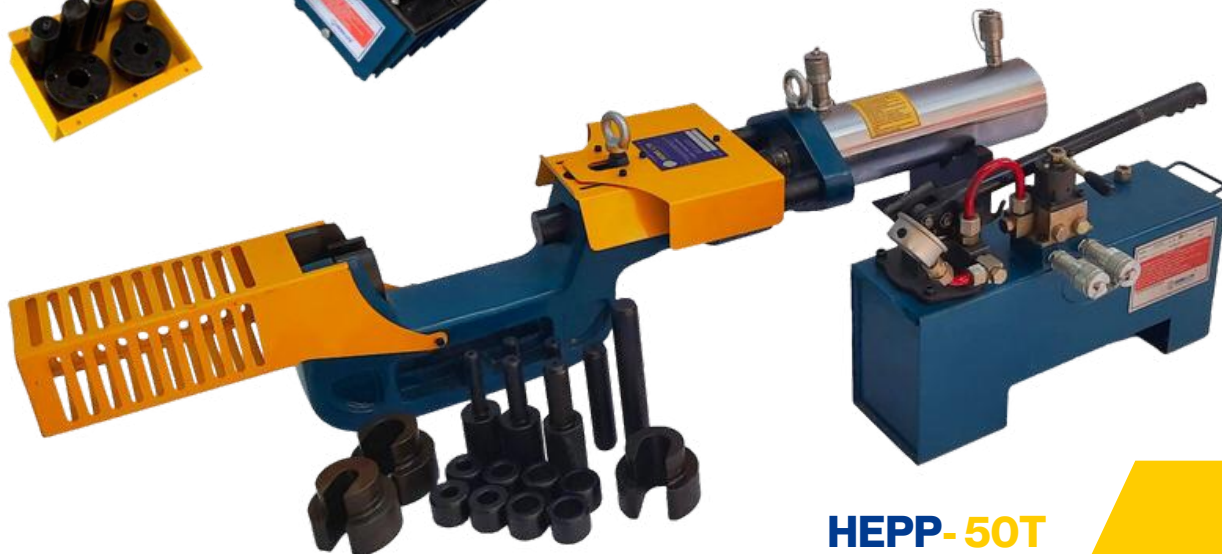
**HEMS LTD**
HEAVY EQUIPMENT MAINTENANCE SOLUTIONS**KEEP YOUR EARTHMOVING
MACHINERY MOVING**

HEPP-30T

HEPP-50T

	HEPP-30T	
Model	Manual (HEPP-30M)	Electric (HEPP-30E)
Capacity	30ton	
Stroke	200mm	
Working Pressure	700kg/cm ²	
Weight (Approx)	28.5kg	
Operation	Hand Pump	Electric Pump
Universal Tooling set (included in the package)	5 Sets to cover 18mm - 36.2mm in diameter	
Minimum Pin Diameter	18mm	
Maximum Pin Diameter	36.2mm	
Minimum Pin Length	90mm	
Maximum Pin Length	170mm	

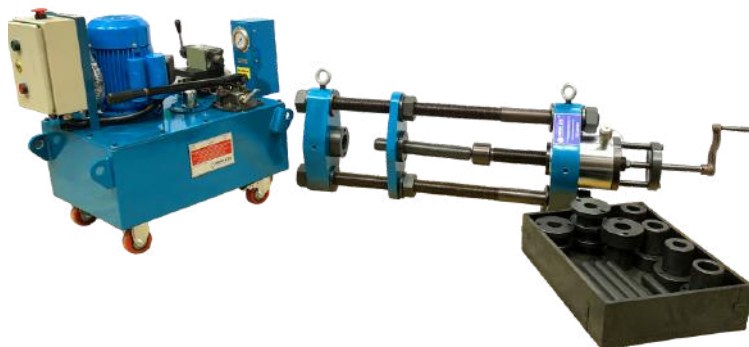
	HEPP-50T	
Model	Manual (HEPP-50M)	Electric (HEPP-50E)
Capacity	50ton	
Stroke	250mm	
Working Pressure	700kg/cm ²	
Weight (Approx)	85kg	
Operation	Hand Pump	Electric Pump (dual control pump 2in1)
Universal Tooling set (included in the package)	4 sets to cover from 19.3mm - 36.3mm in diameter	
Minimum Pin Diameter	19.3mm	
Maximum Pin Diameter	36.3mm	
Minimum Pin Length	133mm	
Maximum Pin Length	178mm	

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HEPP-65T

	HEPP-65T	
Model	Manual (HEPP-65M)	Electric (HEPP-65E)
Capacity	65ton	
Stroke	60mm	
Working Pressure	700kg/cm2	
Weight (Approx)	130kg	
Operation	Hand Pump	Electric Pump (dual control pump 2in1)
Universal Tooling set (included in the package)	6 sets to cover from 30.1mm - 52.3mm in diameter	
Minimum Pin Diameter	30.1mm	
Maximum Pin Diameter	52.3mm	



HEPP-100T

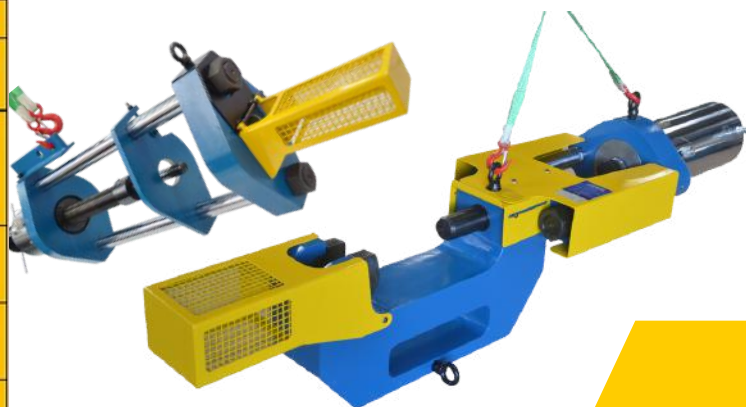


	HEPP-100T	
Model	Manual (HEPP-100M)	Electric (HEPP-100E)
Capacity	100ton	
Stroke	350mm	
Working Pressure	650kg/cm2	
Weight (Approx)	205kg	
Operation	Hand Pump	Electric Pump (dual control pump 2in1)
Universal Tooling set (included in the package)	10 sets to cover from 19.3mm - 60.2mm in diameter	
Minimum Pin Diameter	19.3mm	
Maximum Pin Diameter	60.2mm	
Minimum Pin Length	160mm	
Maximum Pin Length	320mm	

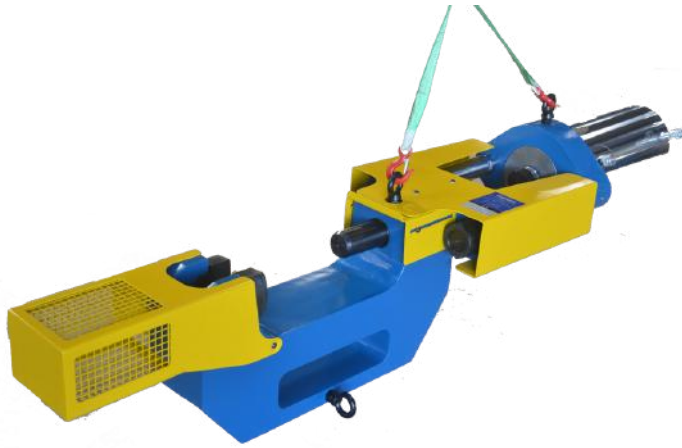
	HEPP-150T	
Model	Manual (HEPP-150M)	Electric (HEPP-150E)
Capacity	150ton	
Stroke	350mm	
Working Pressure	650kg/cm2	
Weight (Approx)	480kg	
Operation	Hand Pump	Electric Pump (dual control pump 2in1)
Universal Tooling set (included in the package)	12 sets to cover from 23.7mm - 70mm in diameter	
Minimum Pin Diameter	23.7mm	
Maximum Pin Diameter	70mm	
Minimum Pin Length	311mm	
Maximum Pin Length	365mm	

HEPP-150T

150 T Available in 2 Frame Designs!



HEPP-200T



HEPP-200T		
Model	Manual (HEPP-200M)	Electric (HEPP-200E)
Capacity	200ton	
Stroke	350mm	
Working Pressure	650kg/cm2	
Weight (Approx)	630kg	
Operation	Hand Pump	Electric Pump (dual control pump 2in1)
Universal Tooling set (included in the package)	15 sets to cover from 19.3mm - 76.2mm in diameter	
Minimum Pin Diameter	19.3mm	
Maximum Pin Diameter	76.2mm	
Minimum Pin Length	311mm	
Maximum Pin Length	415mm	

HEPP-230T, 250T, 300T. 400T

Model No.	Capacity (ton)	Stroke (mm)	Working Pressure (kg/cm2)	Approx Weight (kg)	Operation	Universal Tooling Set (included in the package)	Pin Details			
							Diameter (mm)	Max Diameter (mm)	Min Length (mm)	Max Length (mm)
HEPP-230	230	350	650	680	Electric Pump	7 sets to cover 22mm - 85mm in diameter	22	85	360	425
HEPP-250	250	350	650	810	Electric Pump	7 sets to cover 22mm - 85mm in diameter	22	85	360	425
HEPP-300	300	600	664	1420	Electric Pump	15 sets to cover 36.4mm - 85mm in diameter	36.4	85	360	425
HEPP-400	400	500	660	1480	Electric Pump	15 sets to cover 60mm - 105.2mm in diameter	60	105.2	400	400



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Additional Attachments

Below items are included in our Master Pin Pusher packages
(excluding the 30T and 65T)



**20 Flat Jack with Spacer
for bushing removal**



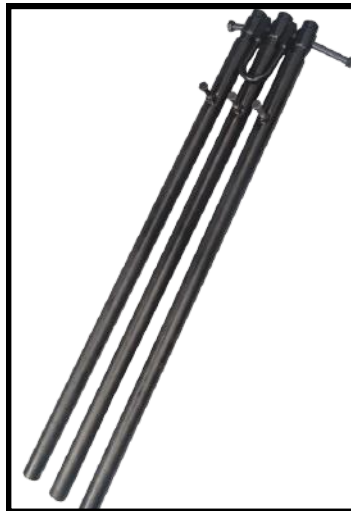
Chain Pulley



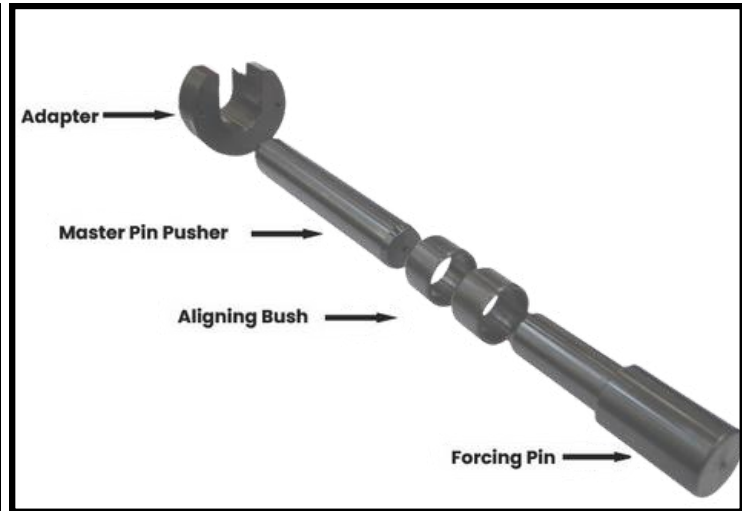
Spare Directional Control Valve (1 Nos)



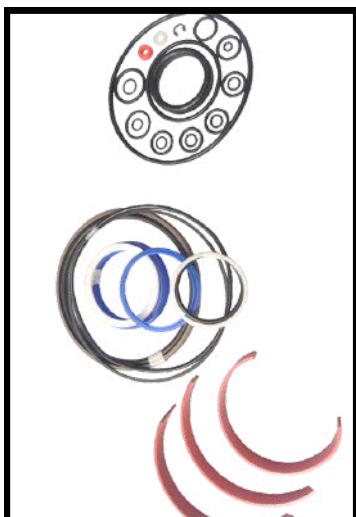
**Hand Tools (1 set of
Spanners and Allen Keys)**



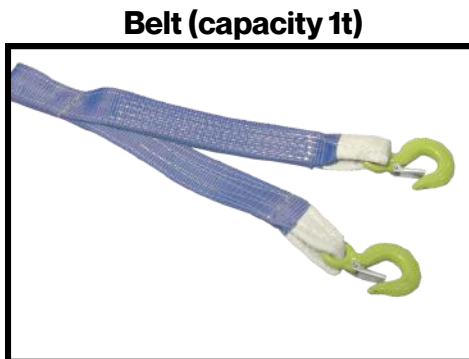
**Telescopic Tripod
(capacity 1t)**



**Rubberised hose for flexibility. (4 metres long 2
nos) Quick disconnect couplers (4 nos)**



**Spare
seal kit
for
cylinder
and
pumping
unit (1
set)**



Belt (capacity 1t)

