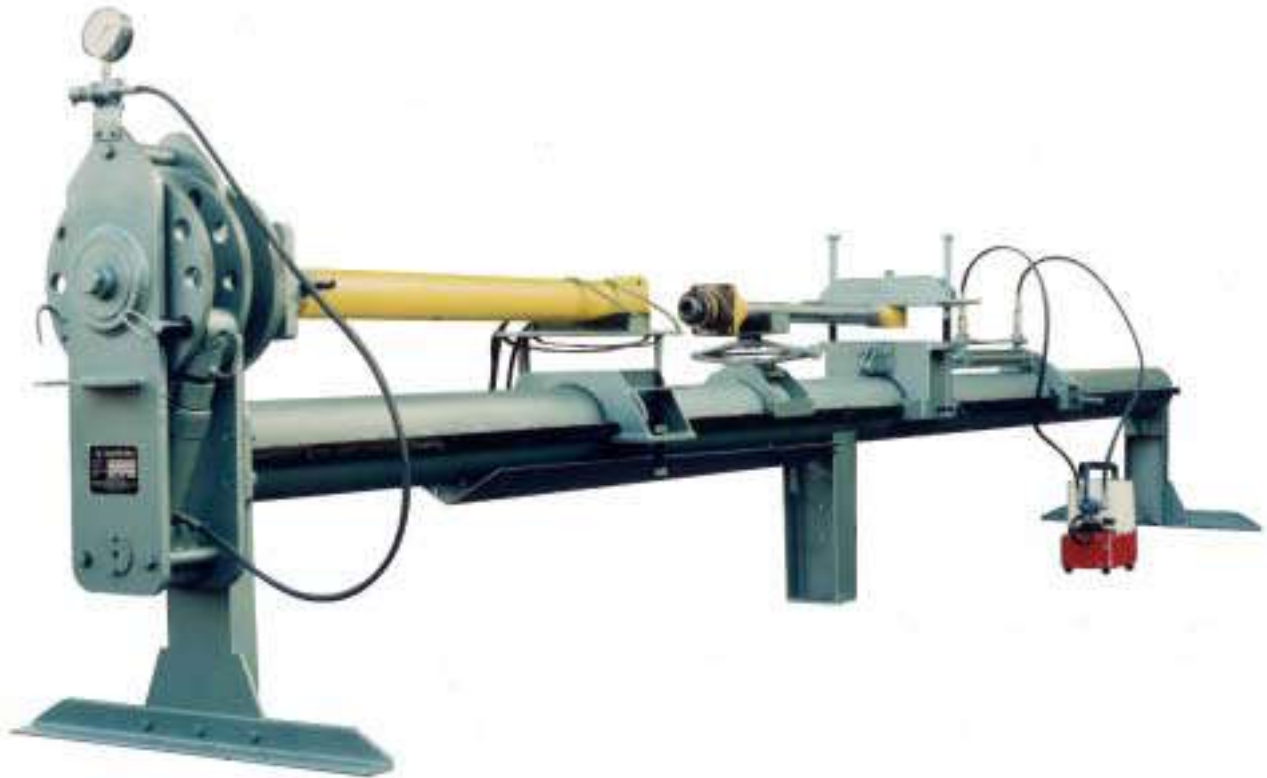


HYDRAULIC CYLINDER SERVICE STAND



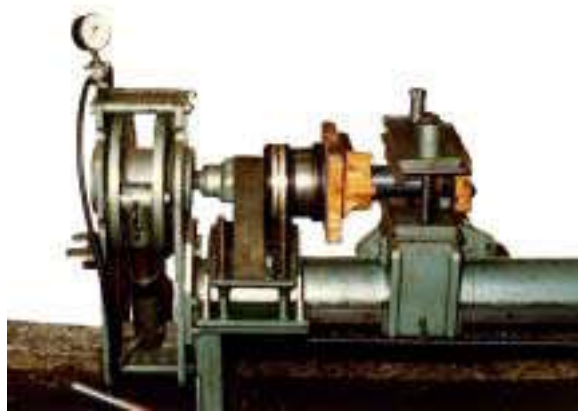
As construction equipment become bigger in size, hydraulic cylinders on them also become larger and heavier. Under such circumstances, a suitable machine is demanded to facilitate assembling and disassembling such big cylinders. Greater torque is required for fastening and loosening nuts of the piston in hydraulic cylinders. MARUMA has designed and introduced the MCS-2 into the market to meet such requirements. Now, assembling and disassembling cylinders and also fastening and loosening nuts of the piston in the cylinders, even on Komatsu D475 and CAT D11 tractors, are being done safely, surely and quickly on this stand.

Structure

This service stand consists of a frame, torque frame unit, vise, piston rod, jack, removing stand, sliding cylinder jack, hydraulic pump and torque gauge.

The head of the torque frame unit rotates about a maximum of 30 degrees at a time. It has the drive shaft at the center of the head. Installing the drive adapter and socket, it can tighten and loosen nuts of the piston. The maximum torque generated goes up to 4000 kgf.m.

This stand allows not only assembling and disassembling of big and heavy cylinders easily and safely keeping it at the horizontal position, but it also allows easy alignment when assembling the cylinder and prevents damage to the packing



This model MCS-2 is also used for easy assembly and disassembly of a Tilt Cylinder, as shown in the picture.

Specifications

Cylinder mountable, max length:	2,500 mm
max. diameter:	400 mm
Max. torque available:	4,000 kgf.m
Max. drive square of socket:	89 mm (3-1/2")
Dimensions (LxWxH)	6330 x 1000 x 1410 mm
Weight (standard unit)	900 kg (approx.)
Hydraulic Pump	
Motor:	3 ph 0.75 kw 200 V
Tank capacity:	7.5 liters
Delivery:	4.3 lit/min.
Max. Pressure:	700 kg/cm ²
Standard Accessories:	Drive shaft (1-1/2", 2-1/2", 3-1/2") Drive adapter (1-1/2", 2-1/2")
Optional Accessories:	Sockets (various sizes available)

[Specifications and illustrations are subject to change without notice](#)

MARUMA TECHNICA CO., LTD.

2-1 Ohnodai 6-chome, Sagamihara, Kanagawa 229-0011, Japan

Tel: 81-42-751-3024 Fax: 81-42-751-9065 e-mail: overseas@maruma.co.jp