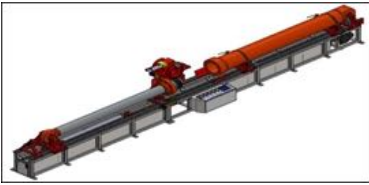
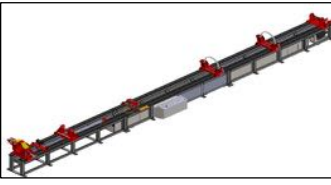
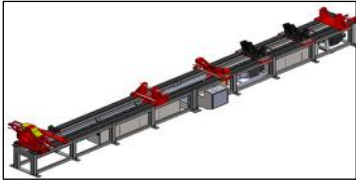
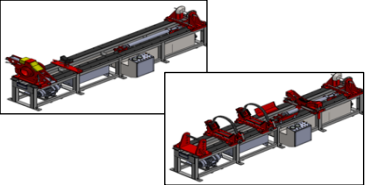





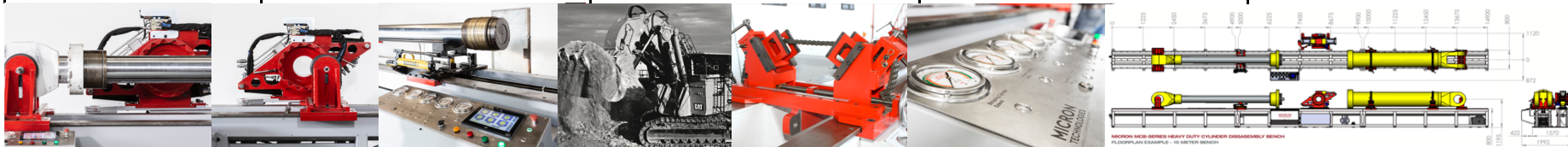
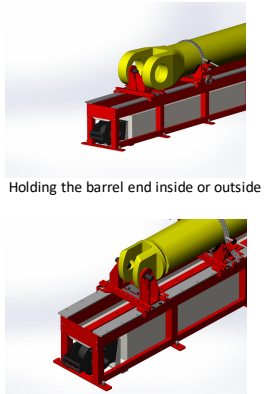


# BRAND TS

	<b>HEAVY DUTY - Digital Data Recording</b>	<b>STANDARD DUTY - Visual Testing</b>	<b>LEAN COST - No Pressure Testing</b>	<b>"SINGLE FUNCTION" / MODULAR</b>
<b>HYDRAULIC CYLINDER REPAIR BENCH</b>				
				
<b>STANDARD BENCH SPECIFICATIONS</b>	<b>MCB-HD130-15</b>	<b>MCB-SD65-10</b>	<b>MCB-LD65-10</b>	<b>MCB-SF-5</b>
Hydraulic Power Unit	Full Electronic Control	Electro-Mechanical Control	Electro-Mechanical Control	Electro-Mechanical Control
Touch Screen Interface / HMI	14" Windows Based	No	No	No
Pressure Test Capability	300 Bar	200 Bar	No	No
Pressure Test	Yes	Visual Only	N/A	N/A
Micro PC (Internet Capability)	Yes (LAN, WIFI, GSM)	No	No	No
Wireless Remote	Standard	Optional	No	No
Nut Cracker Torque	130'000 Nm	65'000 Nm / 130'000 Nm	65'000 Nm	Optional (65'000Nm)
Hydraulic Nut Runner - 7000 Nm	Standard	Standard	Optional	Optional
Maximum Rod Extraction Force	7 Tons	7 Tons	7 Tons	(Optional) 7 Tons
Hydraulic Power Tool/Utility Point	Yes	No	No	No
<b>OPTIONAL FEATURES</b>				
Bench Length Extension (3 or 5 meters)	Yes	Yes	Yes	Yes
Nut Cracker Swing Table	Standard - Hydraulic	Optional - Manual Only	Optional - Manual Only	N/A
Laser Stroke Measurement	Yes	No	N/A	N/A
High Pressure Test Intensifier	500 Bar	200 Bar standard Visual	N/A	N/A
Side Stream Filtration (1613 Standard)	Optional	Optional	N/A	N/A
Oil Condition Monitoring	Optional	No	N/A	N/A
Nut Cracker Upgrade	Optional 65'000 Nm	Upgrade 130'000 Nm	No	No
<b>PART CAPACITY</b>				
Maximum Cylinder Length	7000mm (Closed Centre As Standard)	4500mm (Closed Centres As Standard)	4500mm (Closed Centres As Standard)	2000mm (Closed Centres As Standard)
Maximum Cylinder Barrel OD -	620mm	620mm	620mm	620mm
Minimum Cylinder Barrel OD -	60mm	60mm	60mm	60mm
Maximum Cylinder Flange OD -	850mm	850mm	850mm	850mm
Maximum Clevis Width - Standard	700mm (Tandem Clevis) B	460mm	460mm	460mm
Maximum Clevis Diameter -	620mm	620mm	620mm	620mm
Hydraulic Fluid Reservoir (250L)	1200	800	250	250
Dirty Oil Reservoir - 200L	800	400	300	300
Maximum Part Weight	6000kg / fixture	6000kg / fixture	6000kg / fixture	6000kg / fixture



# BRAND TS



Holding the barrel end inside or outside

<b>HEAVY DUTY - Digital Data Recording</b>	<b>STANDARD DUTY - Visual Testing</b>	<b>LEAN COST - No Pressure Testing</b>	<b>"SINGLE FUNCTION" / MODULAR</b>
<b>Fully Electronic Hydraulic Power Unit</b>	<b>Electro-Mechanical Hydraulic Power Unit</b>	<b>Two Speed Electro-Mechanical Hydraulic Power Unit</b>	<b>Two Speed Electro-Mechanical Hydraulic Power Unit</b>
NutCracker with 130'000Nm rotational torque c/w Integrated Nut Runner Motor	Nut Cracker with 65'000 Nm rotational torque c/w Integrated Nut Runner	Nut Cracker with 65'000 Nm Torque Capacity (optional Nut Runner)	Optional Nut Cracker with 65'000 Nm Torque Capacity
Stripping Capacity with 7T Extraction Force	Stripping Capacity with 7T Extraction Force	Stripping Capacity with 7T Extraction Force	Optional Stripping Capacity with 7T Extraction Force
14" Windows Embedded Touch Screen HMI (Operator Interface)	Push Button / Pressure Dial Control	Push Button Control	Push Button Control
Micro PC with Internet Access Capability (LAN, WiFi, GSM)	No Internet capability	No Internet capability	No Internet capability
Fully Functional Wireless Remote Control	Optional Wireless Remote	No Wireless Remote	No Wireless Remote
Operator Safety Prompts and Best of Class Operator/Environmental Safety	No Safety Prompts	No Safety Prompts	No Safety Prompts
True "Single Operator" Capability	True "Single Operator" Capability	True "Single Operator" Capability	True "Single Operator" Capability
Standard 15m bench length (which can be extended should future need arise)	10m Overall Length (Modular design which can be extended as future need arises)	10m Overall Length (Modular design which can be extended as required)	10m Overall Length (Modular design which can be extended as required)
Standard Tooling Package suitable for almost any cylinder configuration	Standard Tooling Package suitable for almost any cylinder configuration	Standard Tooling Package suitable for almost any cylinder configuration	Either Stripping Tools package OR Nut Cracker Tooling Package
Hydraulic Activated Nut Cracker Swing Table	Manual Nut Cracker Swing Table	Manual Nut Cracker Swing Table	NO
<b>Digital Pressure Testing to 300 Bar as standard</b>	<b>Visual Pressure Testing to 200 Bar (No data recording)</b>	<b>No Pressure test Capability</b>	<b>No Pressure test Capability</b>
Optional Testing to 500 Bar	Optional Separate Testing Unit 300 or 500 Bar	No	No
Automatic Multi-Point Test Protocols	No	No	No
Laser Stroke Measurement (Actual Stroke and Rod Drift during the pressure Test)	No	No	No
Digital Data Recording and Electronic Test Reports			
Full Length Dirty Oil Collection Tray complete with dirty oil reservoir and transfer pump.	Full Length Dirty Oil Collection Tray complete with dirty oil reservoir and transfer pump.	Full Length Dirty Oil Collection Tray complete with dirty oil reservoir and transfer pump.	Full Length Dirty Oil Collection Tray complete with dirty oil reservoir and transfer pump.



**TOOLING OPTIONS**  
TO HANDLE ALMOST ANY CYLINDER  
DESIGN OR CONFIGURATION

Technical Changes Reserved.