

Dimension & Weight:

Power Tong Skid:

Feet : L 5.24 / W 3.28 / H 3.28
 Meters : L 1.60 / W 1.00 / H 1.00
 Approximate Weight : 1,807 lbs / 820 kg

Power Pack Skid:

Feet : L 4.43 / W 3.60 / H 4.00
 Meters : L 1.35 / W 1.10 / H 1.22
 Approximate Weight : 1,873 lbs / 850 kg

General:

Skid Units are constructed in steel box sections.

Power Tong:

Model : TP-82 tong (Foster Model 58-93R tong).
 Size range : 2-3/8" - 5-1/2"
 Backup : Rotary backup with double wide jaws (samewith as in the tong).

Torque capacity:

Low range : 6,000 ft lb.
 High range : 1,200 ft lb.
 RPM range : Based on 33.5 gpm at 2,000 psi.
 Low range : 27 rpm.
 High range : 126 rpm.

Unit supplied with only below Single acting Jaw assembly.

- 2-3/8" - 2-7/8" jaws for the backup & 2-3/8" - 2-7/8" jaws for the tong (Total two sets).
 - 2-7/8" - 3-1/2" jaws for the backup & 2-7/8" - 3-1/2" jaws for the tong (Total two sets)
 - 3-1/2" - 4-1/2" jaws for the backup & 3-1/2" - 4-1/2" jaws for the tong (Total two sets)
- For other optional jaws assembly upto 5-1/2" please contact sales.

Operator Display / Control's:

- ♦ Direction control valve.
- ♦ Hydraulic system pressure gauge 0-3,000 psi.
- ♦ Hydraulic torque gauge.
- ♦ Engine throttle control.
- ♦ Engine start/stop.
- ♦ Engine rpm/ hour meter.
- ♦ Engine coolant temp gauge.
- ♦ Engine oil pressure gauge.
- ♦ Battery volt meter.

Power Pack:

Diesel engine driven hydraulic power pack:

Hydraulic power for power tong is from onboard diesel engine driven hydraulic power pack, powered by 4 cylinders, naturally aspirated Perkins 404D-22 IOPU diesel engine rated for 48.7 hp @ 2,800 rpm.

Equipment is suitable for operation in up to 52°C ambient temperature.

Skid base frame is provided with pollution drip pans with drain plugs.

Engine Starting System:

12 VDC starting system with alternator & maintenance free battery.

Fuel system and Fuel Tank :

Stainless Steel 60 liters (15.8 US Gallon) capacity with level gauge and breather cum filler.

Hydraulic System :

Open loop hydraulic system.

Hydraulic reservoir: 39.6 USG (150 liters).

Optional Items:

Set of 4-HD 4" Mechanical Jacks.

Painting :

All steel materials are sandblasted to Sa 2 1/2, inorganic zinc primer coated and all aluminum materials are primed, painted to customer supplied color code with single stage Jotun paint products. supplied color code single stage Jotun hard top.



Note : Specifications may change based on equipment design configuration.