HILLMAN-KELLEY MODEL 500C HYDRAULIC POWER TONG



TECHNICAL SPECIFICATION SHEET

ITEM	SPECIFICATION
Manufacturer	Hillman-Kelley / Martin-Decker
Model	500C
Type	Hydraulic Power Tubing & Rod Tong
Application	Tubing & Sucker Rod Make-up/Break-out
Speed	125 RPM (High), 33 RPM (Low)
Max. Torque	4,500 ft-lb (≈6,100 Nm)
Max. Pressure	2,500 psi
Hydraulic Flow	35 GPM
Motor	Fixed Displacement Gear Motor (2 in.)
Gearbox	Planetary, 5.5:1 Reduction
Hoses	HP: 3/4 in. × 50 ft (2,250 psi), LP: 1 in. × 50 ft (200 psi)
Dimensions (L×W×H)	38 × 16 × 40 in. (965 × 406 × 1,016 mm)
Weight	469 lb (213 kg)
Hydraulic Oil	Sunoco Sunvis 754 or Equivalent
Optional	Torque Indicator (0–5,000 ft-lb, P/N 8500-5087)

Key Features

- Hydraulic tubing & sucker rod power tong
- Make-up and break-out without reversing
- Planetary reduction gearbox
- High/Low gear selection
- Self-sealing quick couplings
- Compact and lightweight design
- Suitable for rig floor operations