



# PIPELAYER

MODEL : PPL450

## TECHNICAL SPECIFICATIONS

**POWERPLUS**  
POWERPLUS GROUP INC., USA

### SPECIFICATIONS

Maximum Lifting Capacity (T) 40  
Model of Chassis: D85EX-15  
Track Gauge: (mm) 1880  
Track Shoe Width : 500  
Carrier Rollers (each side): 2  
Track Rollers (each side): 6  
Operating Weight: (kg) 33000

### ENGINE

Model : CUMMINS NT855-C280S20  
Rated Power: (HP/rpm) 220/1800

### TRANSMISSION

Torque Converter Type: 3 Element, Single Stage,  
Single phase.  
Transmission: Planetary gear, multiple-disc clutch,  
hydraulic-actuated  
Steering Clutch: Wet, multiple-disc, spring loaded,  
hydraulically released.  
Steering brake : Wet, band brake, operated with hydraulic  
booster and valve inner linkage.  
Final Drive: Spur gear, double reduction, splash lubricated.

### PIPELAYING EQUIPMENT

Type: Planetary Hydraulic Winches  
Winch brakes: Multiple-disc, Hydraulic Released

	<b>HOOK</b>	<b>BOOM</b>
Drum diameter :(mm)	380	360
Flange diameter: (mm)	600	510
Drum length: (mm)	372	320
Capacity: (m)	100	60
Wire rope: (m)	90	90
Min breaking strength: (kN)	215	
Hook speed: (m/min)	7	
Luffing time: (sec)	20	

Boom – square section standard: (m) 7.5

Removable counterweight: 2 Segments



### CABIN

An ergonomically designed sound proof cabin, enabling wide operational view, comes standard with an adjustable air suspension leather driver's seat, streamline dashboard and air con for extensive operations with well deserved comfort. Designer upholstery.