



**beml**



## PIPE LAYERS

### DESCRIPTION

Units

BP41

BP70

BP100

DESCRIPTION	Units	BP41	BP70	BP100
<b>Engine</b>				
Make/Model		BEML B6D125-1	CUMMINS / BEML KT-1150-C / BS6D170-1	BEML BS6D170-1
Power	hp/rpm (kW)	180/1850 (134)	320/2000 // 324/2000 (239/242)	416/2000 (310)
Operating weight	kg	29870	46000	62000
<b>Lifting capacity</b>				
a) Max lift capacity	kg	41000	70000	100000
b) Max load capacity,(85%)	kg	34850	59500	85000
c) Max working range	kg	28620	36450	57600
<b>Transmission</b>				
Make		BEML	BEML	BEML
Type		Helical gear constant mesh Wet multiple disc clutch	Power shift, Planetary gear Multiple disc clutch	Power shift, Planetary gear Multiple disc clutch
F/R		5F/4R	3F/3R	4F/4R
Travel speeds	kmph (min) (max)	2.4/3.1 10.0 / 9.6	3.7/4.5 11.8/13.7	3.3/3.2 12.7/12.6
Rope breaking strength	kg	21400	26400	48000
<b>UNDERCARRIAGE</b>				
Boom overhang	mtrs	1.22 to 5.5	1.2 to 6.1	1.5 to 8.0
Hook speed	m/min (max)			
Raise - 1st		6.5	6.5	4.5
- 2nd		13.0	13.0	7.2
Lower - 1st		6.5	6.5	4.5
- 2nd		13.5	13.5	7.2
Boom length	mm	5500 (std) 6200 (opt)	6200 (Std) 7300 (Opt)	8000
Winch type		Two Speed Hydraulically operated reversible	Two speed Hydraulically operated reversible, Built in planetary system	Two speed Hydraulically operated reversible, Built in planetary system
<b>Transmission for Winch</b>				
		Built-in planetary system		
Counter weight	kg	4680 ± 6%	7430 ± 6%	13500
<b>DIMENSIONS</b>				
Track gauge	mm	2200	2380	2700