



WHEEL DOZERS

DESCRIPTION	Units	BD14W	BD30W-1	BD46W
Engine				
Make		Cummins (India)	BEML	BEML/CUMMINS (India)
Model		NT-495-C	BS6D140-1	BSA6D140-1 / KTA-1150-C
Power	hp / rpm (kW)	126/2000 (94)	300/2100 (224)	460/2100 (338)
Operating Mass	kg	15000	30000	38700
HYD.SYSTEM				
Type		Gear pump	Gear pump	Gear pump
Relief pressure	kg/sq.cm.	125	140	210
PERFORMANCE				
No. of travel speeds		4F/4R	3F/3R	4F/4R
Travel Speed			8.5/8.2	5.1/5.1
Forward / Reverse		6 / 6	31.5/30.2	33.2/33.2
Min / Max	kmph	31.6 / 31.6	6990	7245
Turning radius	mm	6000	31000	40000
Max.Rimpull	kg	10200		
POWER TRANS.SYSTEM				
Transmission		Planetary Powershift	Planetary Powershift	Planetary Powershift
Front axle		Fixed	Full floating	Full floating
Rear axle		Oscillating	Full floating	Full floating
Rear Axle Oscillation	degrees	+/- 12	+/- 15	+/- 13
Final drive		Four wheel drive	Four wheel drive	Four wheel drive
		Planetary gear	Planetary gear	Planetary gear
BRAKES				
Service brake		Wet, multiple disc type	Wet multiple disc type	Wet multiple disc type
Fuel tank refill capacity	ltrs	185	445	600
Tyre size : Front /Rear		18 x 25 - 24 PR (L-3)	29.5 X 29 - 28 PR(L-3)	35/65-33-24PR(L-4)
Blade Type, I		Angling & tilting	Straight	Straight
Length(l) X Height (h),	mm	3655x965	4500 x 1540	4800 x 1485
Max.lift above ground	mm	1050	1510	1240
Max.drop below ground	mm	660	470	465
Max.tilt adjustment	mm	400	800	1320
Blade angle	degrees	25.5	35	23
DIMENSIONS				
Overall length	mm	6680	8700(incl. of blade)	9100
Overall width(excl.blade)	mm	2500	3250	3605
Overall height	mm	3330	3940	4130
Articulation angle (each)	degrees	30	30	38

Optional Attachments :

ROPS canopy Optional Tyres

23.50x25 - 20 PR
21.00x25 - 15 PR(Sand Tyre)
20.50x25 - 20 PR

Coal Blade
ROPS Canopy

ROPS Canopy