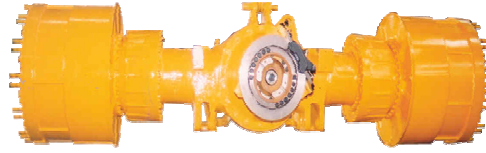


AXLES



1. BEML Axles for Dumpers

Truck Capacity (Ton)		35	40-45	50-60	60-70	85	100
Dimensions							
Suspension center - mm	(A)	1070	1070	1016	1150	1150	1380
Wheel tread - mm	(B)	2570	2550	2920	3045	3400	3719
Overall width (mm)	(C)	3524	3520	4440	4114	4832	5136
Standout (mm)	(D)	715	687	610	610	923	945
Technical Data							
Dynamic axle load (kg)		40,350	45,900	73,600	65,000	90,500	106,500
Nominal input torque (kgm)		1,600	1,700	1,900	2,700	3,400	3,900
Total axle ratio		13.38 / 14.79	16.15 / 17.84 / 18.46 / 20.40	21.93	16.38 / 20.50	22.22	22.22
Differential type		TP	TP	Std.	Std. / Lock	Std.	Std.
Input Flange size		Mec. 9C	Mec. 9C	Mec. 9C	Mec. 9C/12C	Mec. 12C	Mec. 12C
Max. brake torque (kgm)		14,200	14,200	26,000	31,200	39,000	39,000
Parking brake		Dry disc	Dry disc	Dry disc	Dry disc	Dry disc	Dry disc
Tyre size		18 x 25	18 x 33	24 x 35	24 x 35	24 x 49	27 x 49

2. BEML Non Drive Dumper Axle

Truck Capacity (Ton)		35	40-45	50-60	60-70	85	100
Dimensions							
Suspension center (mm)	(A)	2133	2140	2567	2567	3107	3186
Wheel tread (mm)	(B)	3040	3035	3565	3565	4200	4420
Overall width (mm)	(C)	3585	3500	4171	4171	4580	4840
Technical Data							
Dynamic axle load (kg)		9500	12000	16000	18000	22250	26317
Brake type		Dry disc	Dry disc	Dry disc	Dry disc	Dry disc	Dry disc
Disc diameter (mm)		475	606 / 660	711	711	890	840
Max. brake torque (kgm)		2150	4200	4676	9350	7528	15056
Tyre size		18 x 25	18 x 33	24 x 35	24 x 35	24 x 49	27 x 49

3. BEML Axles for Wheel Loaders

Loader Capacity (Cu.m)		3	4	5.5
Dimensions				
Mounting center - mm	(A)	730	1140	1219
Wheel tread - mm	(B)	2200	2460	2650
Overall width (mm)	(C)	2726	2998	3321
Standout (mm)	(D)	462	455	758
Technical Data				
Dynamic axle load (kg)		20170	25210	35360
Nominal input torque (kgm)		368	732	1537
Total axle ratio		20.26:1	19.54:1	27.27:1
Differential type		TP	TP	-
Input Flange size		Mec. 9C	Mec. 9C	-
Max. brake torque (kgm)		5000	7000	10000
Parking brake		Dry disc	-	-
Tyre size		23.5 x 25.0	29.5 x 29.0	35.0 x 65.0

4. BEML Tandem Axles for Motor Graders

Horse Power (hp)		145	17	280
Dimensions				
Mounting center - mm	(A/B/C)	860/660/1515	860/660/1515	900/700/1700
Wheel tread - mm	(D)	2290	2290	2460
Overall width (mm)	(E)	2466	2466	3050
Wheel base (mm)	(F)	1515	1515	1840
Technical Data				
Dynamic axle load (kg)		10070	10070	18020
Nominal input torque (kgm)		325	376	595
Total axle ratio		13.37:1	13.37:1	17.38:1
Differential type		-	100% Lock	100% Lock
Max. brake torque (kgm)		3000	4000	5000
Tyre size		13.0 x 24.0	13.0 x 24.0	18.0 x 25.0