

Type	DC 1200	DC 2000	DC 2100	DC 2900
Carrier weight class ¹	15 - 23 t 33,070 - 50,700 lbs	20 - 35 t 44,000 - 77,160 lbs	25 - 40 t 55,115 - 88,185 lbs	35 - 50 t 77,160 - 110,230 lbs
Service weight ²	1,200 kg 2,645 lbs	2,000 kg 4,410 lbs	2,100 kg 4,630 lbs	2,900 kg 6,395 lbs
Weight without adapter ³	1,000 kg 2,205 lbs	1,750 kg 3,860 lbs	1,850 kg 4,080 lbs	2,600 kg 5,735 lbs
Dimensions				
Total length	1,190 mm 46.85 in.	1,425 mm 56.10 in.	1,425 mm 56.10 in.	1,580 mm 62.20 in.
Total width of cutting head	795 mm 31.30 in.	880 mm 34.65 in.	1,000 mm 39.39 in.	1,240 mm 48.82 in.
Diameter of cutter drum	575 mm 22.64 in.	720 mm 28.35 in.	720 mm 28.35 in.	680 mm 26.77 in.
Nominal power	80 kW 107 hp	120 kW 161 hp	120 kW 161 hp	160 kW 215 hp
Oil flow rate	140 - 250 l/min 37 - 66 gpm	190 - 320 l/min 50 - 84 gpm	190 - 320 l/min 50 - 84 gpm	275 - 410 l/min 73 - 108 gpm
Operating pressure	max. 350 bar max. 5,075 psi			
Rotational speed	60 - 110 rpm	60 - 110 rpm	45 - 85 rpm	55 - 85 rpm
Pick speed	1.8 - 3.3 m/s 5.9 - 10.8 fps	2.1 - 3.6 m/s 6.9 - 11.8 fps	1.6 - 2.7 m/s 5.2 - 8.9 fps	2.0 - 2.9 m/s 6.6 - 9.5 fps
Recommended oil flow rate	190 l/min 50 gpm	240 l/min 63 gpm	300 l/min 79 gpm	340 l/min 90 gpm
Recommended rotational speed	85 rpm	75 rpm	75 rpm	65 rpm
Number of picks	48	44	48	56
Pick shaft diameter	25.0 mm 0.98 in.	30.0 mm 1.18 in.	30.0 mm 1.18 in.	30.0 mm 1.18 in.
Maximum cutting force at 350 bar (5,075 psi)	48.7 kN 10,950 lbf	52.2 kN 11,735 lbf	69.9 kN 15,715 lbf	81.8 kN 18,390 lbf
Maximum torque at 350 bar (5,075 psi)	14.0 kNm 18,980 ft lbs	17.5 kNm 23,725 ft lbs	23.4 kNm 31,720 ft lbs	27.8 kNm 37,685 ft lbs
Maximum rock hardness	60 Mpa 8,700 psi	70 Mpa 10,150 psi	80 Mpa 11,600 psi	100 Mpa 14,500 psi
Gear oil volume	15.0 l 3.96 gal	25.0 l 6.60 gal	30.0 l 7.92 gal	47.0 l 12.41 gal
Oil volume hydraulic motor	3.0 l 0.79 gal	5.0 l 1.32 gal	5.0 l 1.32 gal	6.0 l 1.58 gal
Hydraulic connections (Transverse drum cutter)				
Pressure / tank line	SAE 3/4" 6000 psi		JIC 1 5/16"	
Leakage oil line	JIC 1 1/16"		JIC 1 1/16"	
Hose lines (inside diameter)				
Pressure / tank line	19 mm (0.75 in.)		25 mm (1.0 in.)	
Leakage oil line	19 mm (0.75 in.)		19 mm (0.75 in.)	
Hole pattern	MB 1700		HB 2000	
Part number	3363 1155 32	3363 1155 33	3363 1155 34	3363 1155 35

¹ Weight applies to standard carriers only.

Any variations must be agreed with Atlas Copco and / or the carrier manufacturer.

² transverse drum cutter including adapter plate of medium size

Please note that the working weight can be considerably higher, depending on the adapter plate.

³ transverse drum cutter including rotatable upper part. Accessory parts such as the adapter plate are not included.