

Morooka MST-3000 Agitator

Plant Information



Morooka MST-3000 Agitator Dimensions and Specifications

Description	Dimensions
Operating weight	19 520 kg
Travel Speed (low/high)	7/10 km/h
Max. Load Capacity	15 000 kg
Grade ability	57%
Engine model	Isuzu 6RB1-T
Flywheel horsepower	296 hP
	2100 rpm
Length	6300 mm
Width	3048 mm
Total Height (cab)	3150 mm
Min. Ground clearance	350 mm
Gauge	2235 mm
Track width	800 mm
Engine	Caterpillar C7.1

GROUND BELOW

Concrete Agitator Specifications

		P-3301	CML 10	P-4300	P-5300	CML 12	P-7300	CML 16
Drum capacity (mixing capacity)	m ³	7-8	8-10	8-10	10-12	10-12	12	12-16
	yd ³	9.2-10.5	10.5-13.0	10.5-13.0	13.1-15.7	13.1-15.7	15.7	15.7-21.0
Nominal output torque	Nm	48,000	53,000	54,000	60,000	64,000	72,000	74,000
	lbf ft	35,400	39,100	39,800	44,200	47,200	53,100	54,600
Max. output torque	Nm	54,000	64,000	60,000	72,000	80,000	80,000	90,000
	lbf ft	39,800	47,200	44,200	53,100	59,000	59,000	66,400
Gear ratio	i =	141.0	7.8	135.3	135.3	7.8	144.3	6.3
Max. installation angle of drum	degree	15°	20°	15°	13.5°	20°	13.5°	20°
Transmission weight without oil	kg	242	280	335	340	285	350	313
	lbs	534	617	739	750	628	772	690
Displacement of integr. hydro motor	cm ³ /U	–	1.120	–	–	1.340	–	1.900
	in ³ /rev		68.3			81.8		115.9
Oil volume	dm ³	7.5	8.0	11.5	11.5	8.0	11.5	8.0
	qt.	7.9	8.4	12.1	12.1	8.4	12.1	8.4