



CES SRL
 ADMINISTRATIVE HEADQUARTER: VIA ETTORE PERRONE 14 - 10122 TORINO (TO) Italy
 PRODUCTION PLANT: VIA CASSETTA 241 – 37015 DOMEGLIARA (VR) Italy
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Model			HLM 1800
TRACTION SYSTEM			4 INDEPENDENT MOTOR WHEELS
Wheelbase	Extendable	mm	9.000 - 12.000
Tyres	Size front/rear	ins	24.00-49 / 24.00-35
Lifting Capacity (see load chart)		kg	180.000
Load Centre		mm	1.874
Lifting height		mm	13.295
Overall dimension	Lenght	mm	11.880 - 14.880
	Width	mm	6.850
	Height	mm	5.638
	boom height, Max.	mm	14.000
Turning Radius	inner/router	mm	12700 - 15700
Stability (static)			EN 1459
Speed	Traveling F. R. Laden/unladen		6 / 12
	Lifting : laden / unladen 1800 rpm	m/s	0,24 / 0,58
	Lowering laden / unladen 1800 rpm	m/s	0,42 / 0,42
Gradeability	max at 0 km /h - laden	%	16%
Gross vehicle weight	without attachment	kg	124.100
Axle load - Front	unladen	kg	58.700
Aaxle load - rear	unladen	kg	65.400
Ground Clearance	Mid-way along the wheelbase	mm	570
Brake System			wet brake / driven wheels
Parking breake			spring brake
Steering System			hydrostatic
Engine	manufacturer type		VOLVO TAD873 EURO IV
Fuel Consumption (average)		l/h	8 / 12
Trasmission System			hydrostatic
	N° forward and reverse gears	n°	hydrostatic continuous
Front/Rear Axle Type			CES CUSTOMIZE / CES CUSTOMIZE
CABIN			Cabin centrally positioned Noise emission according EN 12053 Automatic air condition
Sound Level	inside cabin		68 dB (A)
Hydraulic system			load sensing Bosh Rexroth
N° pump hydraulic system		n°	2
Pressure		bar/max	330
Hydraulic pump max flow rate		l/m	500
N° pump hydrostatic system		n°	1
pressure		bar/max	450
Electrical system			24 volt /Can bus /Lighting led
Software control system			Electronic joystick Control panel LCD 8"
Lubrification			Central whit two Automotive PUMP