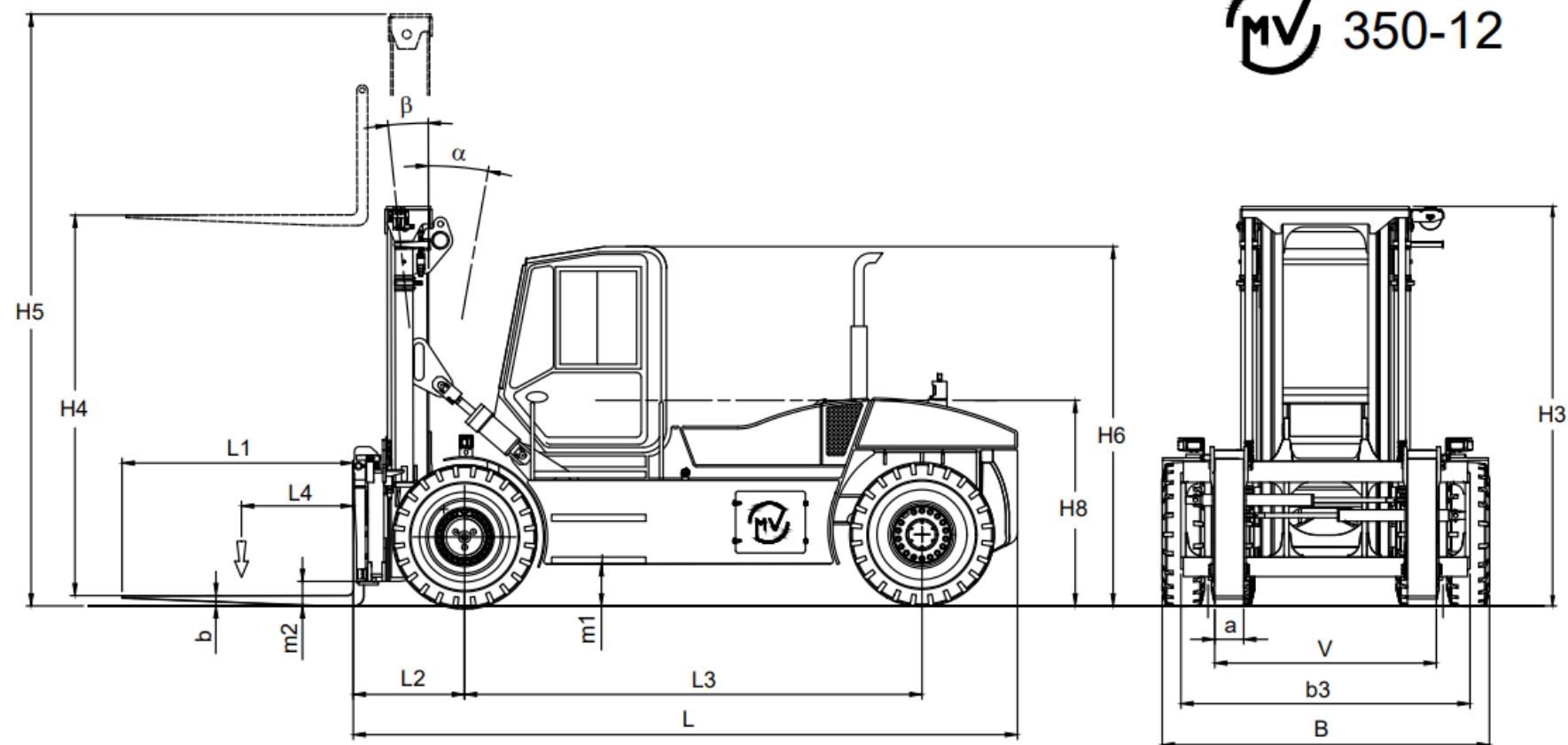


 300-12

 350-12



Specification	Manufacturer			MV Mover	MV Mover
	Model			MV 300-12	MV 350-12
	Lifting capacity		Kg	30.000	35.000
	Load centre	L4	mm	1.200	1.200
	Load distance, center of drive axle to fork	L2	mm	1.160	1.160
	Wheelbase	L3	mm	3.750	3.650

Weights	Service weight		kg	41.100	43.300
	Axle loading, unloaded front / rear		kg	20.300 / 19.800	20.300 / 23.000
	Axle loading, loaded front / rear		kg	66.205 / 4.895	72.690 / 5.610

Wheels	Tyre size, front		inch	16.00-25	16.00-25
	Tyre size, rear		inch	16.00-25	16.00-25
	Track width, front / rear		mm	2.492 / 2.480	2.492 / 2.480
	Tyre pressure		Mpa	1.0	1.0

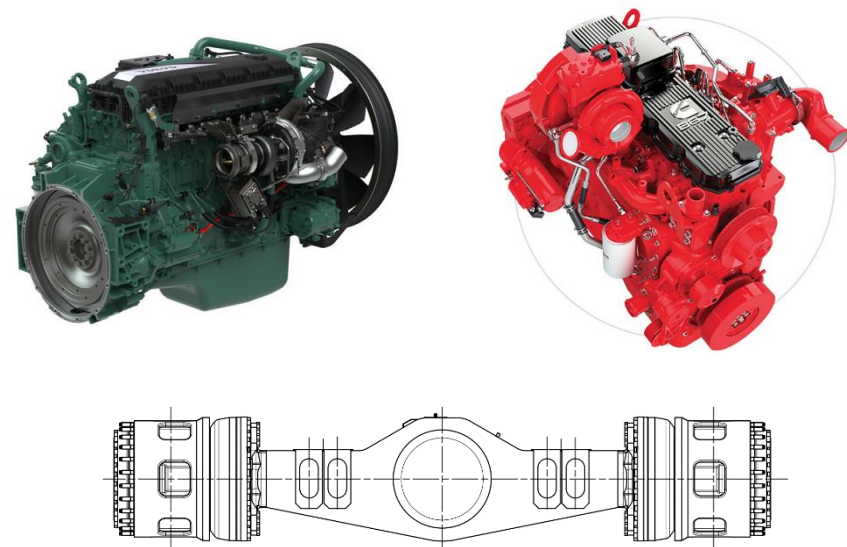
Dimension	Mast tilt, α backward, β forward	α / β	°	10 / 5	10 / 5
	Height of mast lowered	H3	mm	4.160	4.160
	Lift height	H4	mm	4.000	4.000
	Height of mast extended	H5	mm	6.160	6.160
	Truck height	H6	mm	3.730	3.730
	Seat height	H8	mm	2.180	2.180
	Truck length (to face of forks)	L	mm	5.900	5.900
	Truck width	B	mm	3.430	3.430
	Fork dimension, width	a	mm	300	300
	Fork dimension, thickness	b	mm	110	110
	Fork dimension, length	L1	mm	2.400	2.400
	Fork carriage width	b3	mm	2.480	2.480
	Width over forks, maximum - minimum	V	mm	2.850 - 920	2.380 - 580
	Turning radius	R1	mm	6.540	6.540
	Ground clearance below the mast	m2	mm	290	290
	Ground clearance below the truck	m1	mm	400	400

Duplex standard

MAST MV 300-12 / MV 350-12			
Lift height H4	H3 min	H5 max	H2 free lift
4.000	4.160	6.160	0
4.500	4.410	6.660	0
5.000	4.660	6.910	0
5.500	4.910	7.660	0
6.000	5.160	8.160	0
Lift height H4	H3 min	H5 max	H2 free lift
4.000	4.160	6.160	2.000
4.500	4.410	6.660	2.250
5.000	4.660	6.910	2.500
5.500	4.910	7.660	2.750
6.000	5.160	8.160	3.000

Duplex FFL

Power line	Engine	Manufacturer	Volvo	Cummins
		Model	TD 881 TAD	B6.7
		N° Cyl - cm³	6 / 7700	6 / 6700
		Power at rpm	185 / 22000	168 / 2200
		Torque at rpm	1150 / 1400	1186 / 1300
		Emission Std	Stage V	Stage V
	Gear box	Power Shift	ZF	ZF
		Model	3 WG 211	3 WG 211
		N° of gears	3 / 3	3 / 3
	Drive axle	Drive axle	Kessler	Kessler
		Model	D 91	D 91
	Electrics	Battery		
		voltage (v)	2 x 12	
		capacity (Ah)	145	



MV 300-12 | MV 350-12

Performances	Travelling speed	km/h	25	25
	Lifting speed unloaded	m/s	0.32	0.32
	Lifting speed loaded	m/s	0.28	0.28
	Gradeability at 2 km/h (loaded)	%	22	21
	Drawbar pull	kN	181	181

