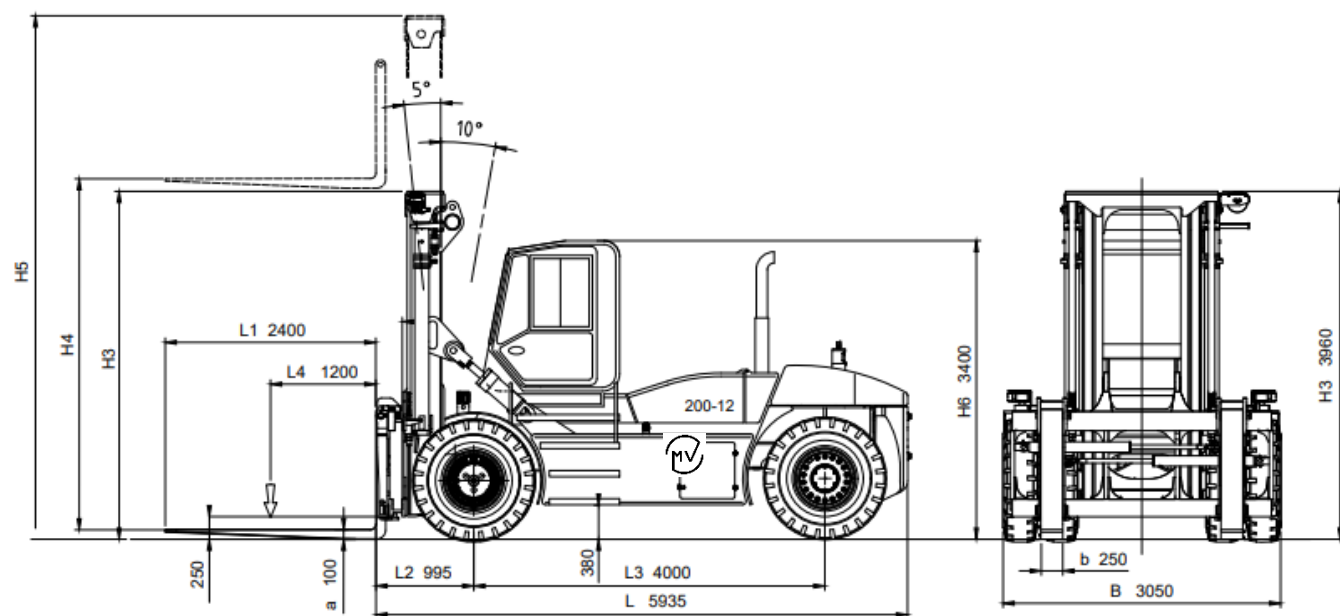
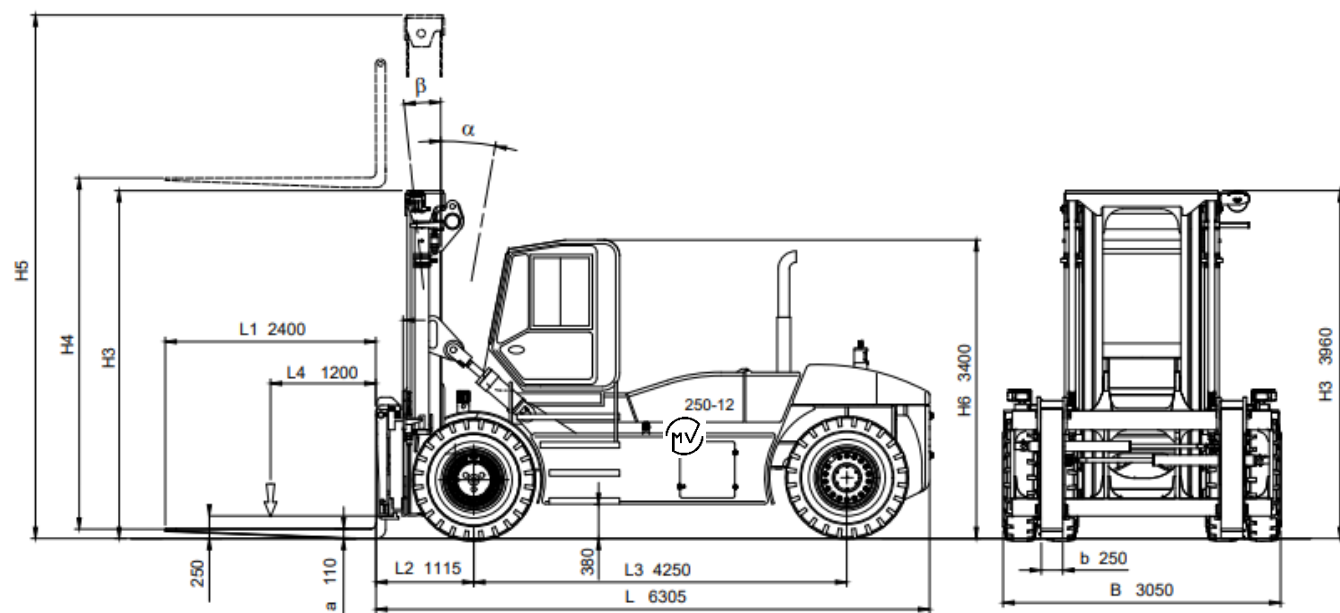




STANDARD DUPLEX MAST

H4	H3	H5
4000	3960	5960
4500	4210	6460
5000	4460	6960
5500	4710	7460
6000	4960	7960

 200-12



STANDARD DUPLEX MAST

H4	H3	H5
4000	3960	5960
4500	4210	6460
5000	4460	6960
5500	4710	7460
6000	4960	7960

 250-12

Specification	Manufacturer			MV Mover	MV Mover
	Model			<i>MV 200-12</i>	<i>MV 250-12</i>
	Lifting capacity		Kg	20.000	25.000
	Load centre	L4	mm	1.200	1.200
	Load distance, center of drive axle to fork	L2	mm	995	1.115
	Wheelbase	L3	mm	4.000	4.250

Weights	Service weight		kg	30.000	33.800
	Axle loading, unloaded front / rear		kg	15.000 / 15.000	16.000 / 17.800
	Axle loading, loaded front / rear		kg	46.475 / 3.525	54.620 / 4.180

Wheels	Tyre size, front		inch	14.00-24	14.00-24
	Tyre size, rear		inch	14.00-24	14.00-24
	Track width, front / rear		mm	2.200 / 2.500	2.200 / 2.500
	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	3.960	3.960
	Lift height	H4	mm	4.000	4.000
	Height of mast extended	H5	mm	5.960	5.960
	Truck height	H6	mm	3.400	3.400
	Seat height	H8	mm	2.230	2.230
	Truck length (to face of forks)	L	mm	5.935	5.935
	Truck width	B	mm	3.050	3.050
	Fork dimension, width	a	mm	250	250
	Fork dimension, thickness	b	mm	100	110
	Fork dimension, length	L1	mm	2.400	2.400
	Fork carriage width	b3	mm	2950	2950
	Width over forks, maximum - minimum	V	mm	2.750 - 850	2.750 - 850
	Turning radius	R1	mm	5.500	5.700
	Ground clearance below the mast		mm	250	250
	Ground clearance below the truck		mm	380	380

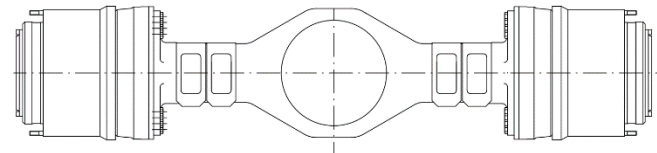
Duplex standard	Lift height H4	H3 min	H5 max	H2 free lift
	4.000	3.960	5.960	0
	4.500	4.210	6.460	0
	5.000	4.460	6.960	0
	5.500	4.710	7.460	0
	6.000	4.960	7.960	0

Duplex FFL	Lift height H4	H3 min	H5 max	H2 free lift
	4.000	3.960	5.960	2.000
	4.500	4.210	6.460	2.250
	5.000	4.460	6.960	2.500
	5.500	4.710	7.460	2.750
	6.000	4.960	7.960	3.000

Engine	Manufacturer	Volvo	Cummins
	Model	TD 583 TAD	B6.7
	N° Cyl - cm³	4 / 5130	6 / 6700
	Power at rpm	175 / 2310	149 / 2200
	Torque at rpm	950 / 1300	990 / 1300
	Emission Std	Stage V	Stage V

Drive line	Power Shift	ZF	ZF
	Model	3 WG 171	3 WG 171
	N° of gears	3 / 3	3 / 3
	Drive axle	Kessler	Kessler
	Model	D 91	D 91

Electrics	Battery	
	voltage (v)	2 x 12
	capacity (Ah)	145



Performances			<i>MV 200-12</i>	<i>MV 250-12</i>
	Travelling speed	km/h	25	25
	Lifting speed unloaded	m/s	0.35	0.35
	Lifting speed loaded	m/s	0.35	0.30
	Gradeability at 2 km/h (loaded)	%	30	28
	Drawbar pull	kN	178	178

