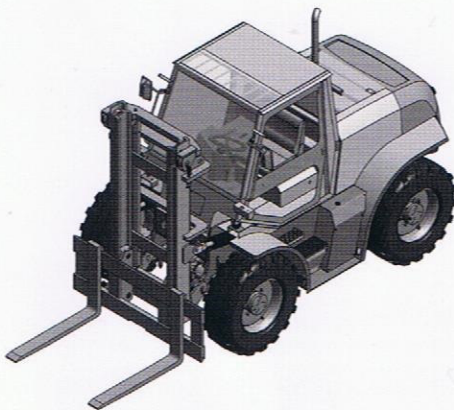
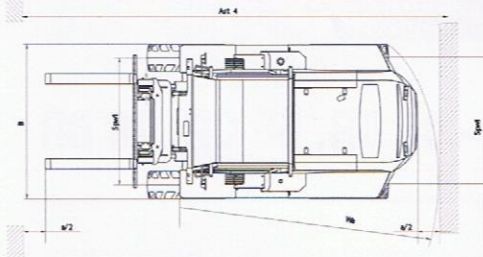
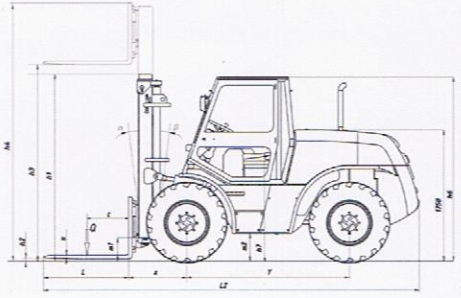


TECHNICAL SPECIFICATIONS AND PARAMETERS



Identification	1.1	Manufacturer	IPO-Lifts Ltd	IPO-Lifts Ltd	IPO-Lifts Ltd
	1.2	Type	IPO 40 DR	IPO 50 DR	IPO 70 DR
	1.3	Drive: elec., diesel, gasoline, LPG	Diesel	Diesel	Diesel
	1.4	Driver position: Seated	Seated	Seated	Seated
	1.5	Load capacity Q (t)	4,00	5,00	7,00
	1.6	Load center C (mm)	600	600	600
	1.7	Distance from CL of front axle to fork face X (mm)	780	785	968
	1.8	Wheel base Y (mm)	2200	2200	2700
Weights	2.1	Weight - unladen kg	7800	8700	10800
	2.2	Axle weight laden, front / rear kg	9900/1300	12300/1400	13620/1800
	2.3	Axle weight unladen, front / rear kg	3120/4400	4200/4500	5280/5220
Wheels, Chassis	3.1	Tyre type: SE=Superelastic, L=Pneumatic	L/L	L/L	L/L
	3.2	Tyre size, front	365/80 R 20	365/80 R 20	18.0x22.5
	3.3	Tyre size, rear	365/80 R 20	365/80 R 20	18.0x22.5
	3.4	Wheels, front / rear (x=drive)	2X/2X	2X/2X	2X/2X
	3.5	Track, Spw1 / Spw2 front / rear	1730/1730	1730/1730	1760/1760
Basic Dimensions	4.1	Mast tilt angles, forward (a) / backward (b) deg	10/12	10/12	10/12
	4.2	Mast height - closed h1 (mm)	2430	2500	2845
	4.3	Free lift h2 (mm)	130	140	200
	4.4	Lift h3 (mm)	3300	3300	3300
	4.5	Mast height - extended h4 (mm)	4065	4106	4655
	4.6	Full free lift, duplex / triplex h5 (mm)	-	-	-
	4.7	Height of overhead guard h6 (mm)	2490	2490	2600
	4.8	Seat height h7 (mm)	1470	1430	1580
	4.9	Length to fork face L2 (mm)	3920	3930	4700
	4.10	Overall width B (mm)	2100	2100	2250
	4.11	Fork dimension (thickness / width / length) s/e/l (mm)	40x120x1200	50x120x1200	70x150x1200
	4.12	Fork carriage to ISO 2328, Class A, B	4A	4A	4B
	4.13	Ground clearance laden under mast m1 (mm)	280	300	365
	4.14	Ground clearance center of wheel base m2 (mm)	360	360	400
4.15	Turning radius, minimum R min (mm)	1150	1150	1300	
4.16	Turning radius, maximum R max (mm)	4200	4600	5650	
Performance data	5.1	Travel speed, laden / unladen km / h	24/27	24/27	24/27
	5.2	Lifting speed, laden / unladen m/s	0.40/0.50	0.40/0.50	0.40/0.50
	5.3	Lowering speed, laden / unladen m/s	0.60/0.40	0.60/0.40	0.60/0.40
	5.4	Drawbar, pull, laden / unladen kN	58/45	66/55	72/65
	5.5	Gradeability laden / unladen %	26/32	26/32	26/32
	5.6	Service brake, type	Hydraulic	Hydraulic	Hydraulic
	5.7	Parking brake, type	Hand	Hand	Hand
Engine	6.1	Engine manufacture / type	Perkins 1104D-44T	Perkins 1104D-44T	Perkins 1104D-44T
	6.2	Engine output to ISO 1585 kW	62	62	74
	6.3	Rated speed rotation 1/min	2200	2200	2200
	6.4	Cylinders / displacement /cm3	4/4400	4/4400	4/4400
Other details	7.1	Fuel tank capacity	140	140	190
	7.2	Transmission manufacturer / type *	DANA/T12000	DANA/T12000	DANA/T12000
	7.3	Coupling	hydrodynamic 3/3	hydrodynamic 3/3	hydrodynamic 3/3
	7.4	Working pressure for attachments bar	180	180	180

HIGH PERFORMANCE

4x4

	D (G) 50								
	simplex				triplex				
h3	3700	4000	4500	5000	4300	4800	5100	5500	6000
h1	2540	2690	2940	3290	2160	2320	2440	2560	2730
h4	4540	4840	5340	5840	5100	5600	5940	6300	6810
h2	140	140	140	140	0	0	0	0	0
a/b	5/12	5/12	5/12	3/6	5/12	3/6	3/6	3/6	3/6