

The engine, a turbocharged diesel with water cooling, ensures high performance combined with low running costs.



The rear axle is of the oscillating type and affords a wide steering angle. These characteristics enable the truck to operate over the roughest surface terrain with excellent manoeuvrability.



The sturdy mast and the possibility to fit twin wheels to the front axle (standard on the 7000 and 8000 kg capacity versions) allow handling of wide and off-centre loads in conditions of excellent stability.



At Your Local Dealer

## Options

Pedal drive control.  
Complete cab.  
Integrated side shift.  
Working lights.  
Catalytic exhaust.

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# SID-P

With the SID-P CESAB covers the market for IC lift trucks with capacities of 6000, 7000 and 8000 kg. Key features are hydrostatic transmission and robustness of components, including a rigid mast, front and rear axles that can cope with the roughest surface terrain and powerful, reliable engine. The sturdy SID-P finds ready application in any sector thanks to the excellent driveability ensured by the flexibility of the hydrostatic transmission.



IC counterbalanced trucks from 6000 to 8000 kg

Hydraulically controlled hydrostatic transmission



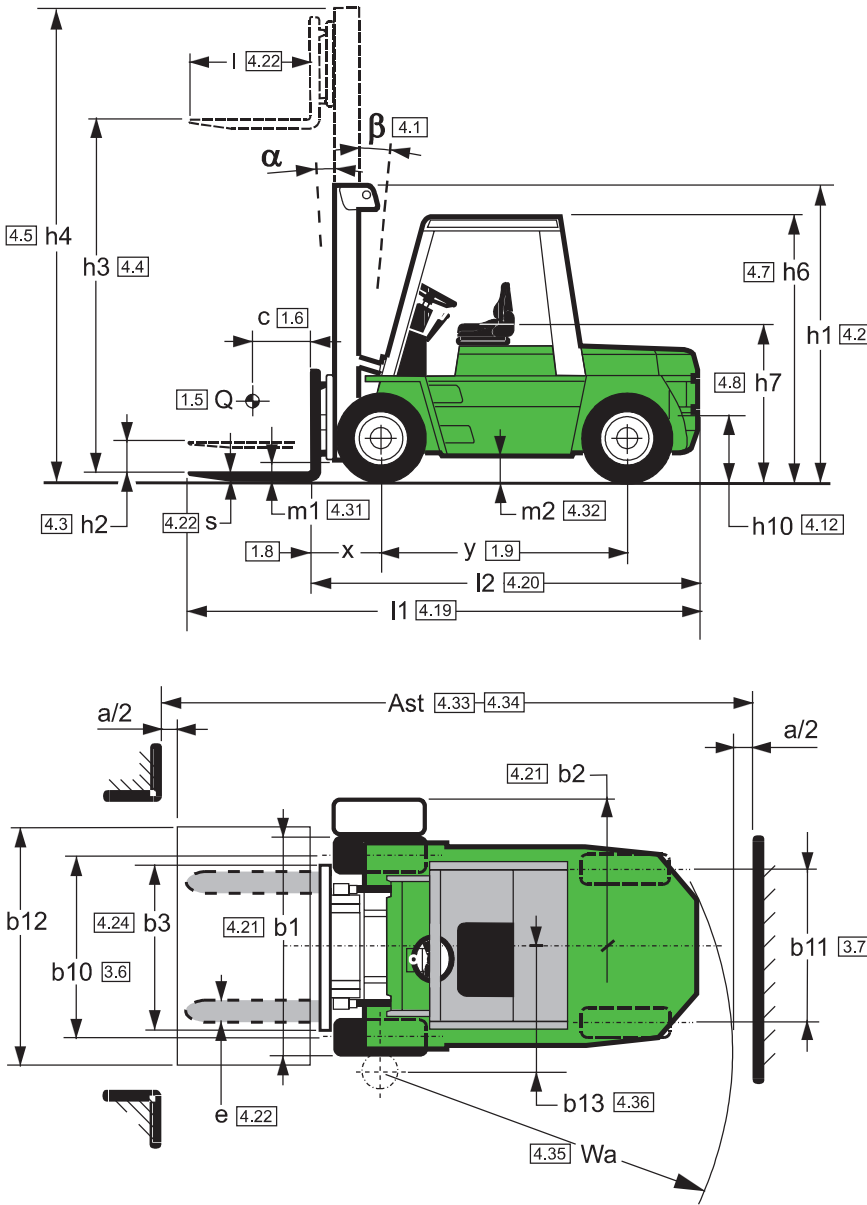


# VDI 2198

Characteristics	1.1	Manufacturer		CESAB		CESAB		CESAB
	1.2	Model designation		<b>SID-P 60</b>		<b>SID-P 70</b>		<b>SID-P 80</b>
	1.3	Power unit: electric (battery), diesel, petrol, LPG		Diesel		Diesel		Diesel
	1.4	Operation: manual, pedestrian, stand-on, driver seated		driver seated		driver seated		driver seated
	1.5	Load capacity	Q (kg)	6000		7000		8000
	1.6	Load centre	c (mm)	600		600		600
	1.8	Axle centre to fork face	x (mm)	593		610		630
	1.9	Wheel-base	y (mm)	2150		2150		2500
Weights	2.1	Weight	kg	8900		9500		11150
	2.2	Axle load with load, front/rear	kg	13620 / 1280		15130 / 1450		17450 / 2100
	2.3	Axle load without load, front/rear	kg	4180 / 4720		4150 / 5400		5500 / 6050
Wheels and chassis	3.1	Tyres: C=Cushion, SE=Superelastic, PN=Pneumatic, TW=Twin		SE - PN - SE.TW - PN.TW		SE.TW - PN.TW		SE.TW - PN.TW
	3.2	Tyre size, front		355/65-15 - 355/65-15 - 8.25-15 - 8.25-15		8.25-15 - 8.25-15		8.25-15 - 8.25-15
	3.3	Tyre size, rear		8.25-15 - 8.25-15 (a)		8.25-15 - 8.25-15 (a)		8.25-15 - 8.25-15 (a)
	3.5	Wheels, number front/rear (x = driven)		2x - 4x / 2		4x / 2		4x / 2
	3.6	Track width, front	b10 (mm)	1410		1410		1410
	3.7	Track width, rear	b11 (mm)	1340		1340		1340
Dimensions	4.1	Mast tilt, forward/backward	$\alpha$ / $\beta$ (gradi)	5° / 8°		5° / 8°		5° / 8°
	4.2	Height of mast, lowered	h1 (mm)	2418		2546		2546
	4.3	Free lift	h2 (mm)	–		–		–
	4.4	Lift height	h3 (mm)	3196		3172		3172
	4.5	Height of mast, extended	h4 (mm)	4053		4172		4172
	4.7	Height of overhead guard	h6 (mm)	2320		2320		2320
	4.8	Height of driver's seat	h7 (mm)	1300		1300		1300
	4.12	Towing coupling height	h10 (mm)	–		–		–
	4.19	Overall length	l1 (mm)	–		–		–
	4.20	Length to fork face	l2 (mm)	3318		3385		3855
	4.21	Overall width	b1/b2 (mm)	1710 - 1710 / 1933 - 1933		- / 1933 - 1933		- / 1933 - 1933
	4.22	Fork dimensions	s/e/l (mm)	60 x 200 x 1200		60 x 200 x 1200		70 x 200 x 1200
	4.23	Fork carriage to DIN 15173, class/form A, B		IV B		IV B		–
	4.24	Width of fork carriage	b3 (mm)	–		–		–
	4.31	Floor clearance, mast (with load)	m1 (mm)	226		225		233
	4.32	Floor clearance, centre of wheel-base (with load)	m2 (mm)	260		260		260
	4.33	Aisle width with pallets 1000 x 1200 across forks	Ast (mm)	5068		5135		5501
	4.34	Aisle width with pallets 800 x 1200 along forks	Ast (mm)	5268		5335		5701
	4.35	Turning radius	Wa (mm)	3275		3325		3671
	4.36	Minimum distance between the centres of rotation	b13 (mm)	–		–		–
Performance	5.1	Travel speed, with/without load	km/h	22 / 23		22 / 23		22 / 23
	5.2	Lifting speed, with/without load	m/s	0.45 / 0.57		0.45 / 0.57		0.23 / 0.33
	5.3	Lowering speed, with/without load	m/s	0.55 / 0.40		0.55 / 0.40		0.45 / 0.40
	5.5	Tractive force, with/without load	N	32000 / 24500		32000 / 25500		32000 / 25500
	5.7	Climbing ability, with/without load	%	18.4 / 24.1		16.5 / 22.3		13.7 / 25.4
	5.9	Acceleration time, with/without load	%	–		–		–
	5.10	Service brake: mechanical/hydraulic/electric/pneumatic		hydraulic		hydraulic		hydraulic
Drive	7.1	Engine manufacturer / type		Perkins 1104C.44T		Perkins 1104C.44T		Perkins 1104C.44T
	7.2	Engine performance (secondo ISO 1585)	kW	74.5		74.5		74.5
	7.3	Rated speed	min <sup>-1</sup>	2200		2200		2200
	7.4	Number of cylinders/displacement	cm <sup>3</sup>	4 / 4400		4 / 4400		4 / 4400
	7.5	Fuel consumption VDI-cycle	l/h·kg/h	–		–		–
Others	8.1	Type of drive control		stepless hydrostatic		stepless hydrostatic		stepless hydrostatic
	8.2	Working pressure for attachments	bar	200		200		200
	8.3	Oil flow for attachments	l/min	–		–		–
	8.4	Noise level at driver's ear	dB (A)	–		–		–
	8.5	Towing coupling, design/type DIN		–		–		–

(a) SE - PN

**NOTES:** Unless otherwise specified, all data refer to vehicles with SE tyres. All performance figures refer to fully run-in vehicles, in perfect working status with homologated tyres mix. Truck performance and dimensions are nominal and subject to tolerances.



	SID-P 60 (6000 Kg)				
Mast,	mm	Duplex			Triplex FFL
<b>h3</b>	<b>Lift height</b>	<b>3130</b>	<b>4130</b>	<b>4630</b>	<b>5530</b>
<b>h1</b>	Height of mast, lowered	2580	3080	3330	2820
<b>h2</b>	Free lift	100	100	100	1790
<b>h4</b>	Height of mast, extended	4180	5180	5730	6580
<b>α / β</b>	Mast tilt forward/backward	5°/8°	4°/6°	4°/6°	5°/8°

	SID-P 70 (7000 Kg)			
Mast,	mm	Duplex		Triplex FFL
<b>h3</b>	<b>Lift height</b>	<b>3130</b>	<b>4630</b>	-
<b>h1</b>	Height of mast, lowered	2580	3330	-
<b>h2</b>	Free lift	0	0	-
<b>h4</b>	Height of mast, extended	4180	5730	-
<b>α / β</b>	Mast tilt forward/backward	5°/8°	4°/6°	-

	SID-P 80 (8000 Kg)		
Mast,	mm	Duplex	Triplex FFL
<b>h3</b>	<b>Lift height</b>	<b>3120</b>	<b>5520</b>
<b>h1</b>	Height of mast, lowered	2580	2865
<b>h2</b>	Free lift	0	1765
<b>h4</b>	Height of mast, extended	4250	6650
<b>α / β</b>	Mast tilt forward/backward	5°/8°	5°/8°