DI 60C - 70C - 80C
Technical data

designed to work

OM PIMESPO

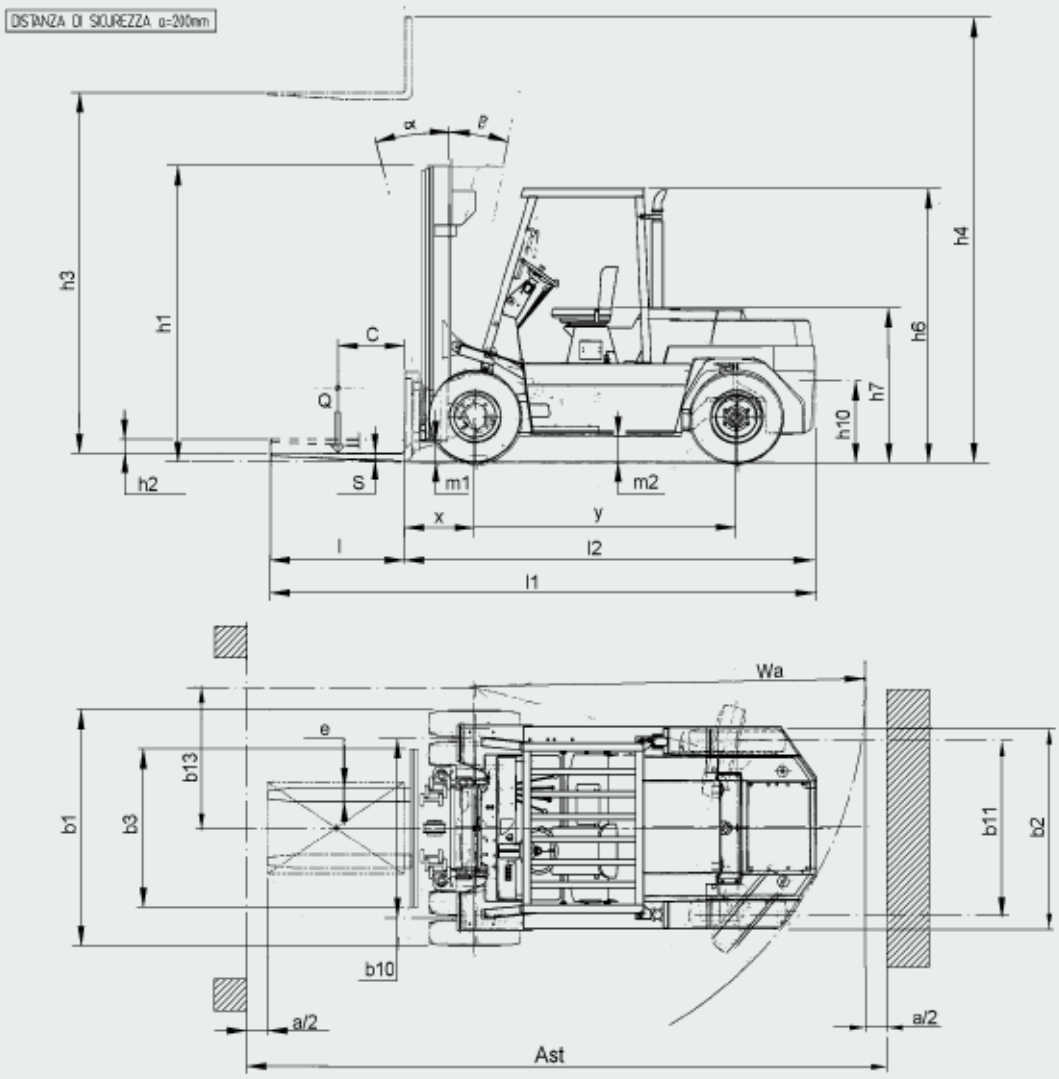
DI 60C - 70C - 80C Technical data

VDI 2198

Specification	1.1	**Manufacturer**		OM PIMESPO	OM PIMESPO	OM PIMESPO
	1.2	**Model designation**		DI 60 C	DI 70 C	DI 80 C
	1.3	**Type of drive: Electric - Diesel - Petrol - GPL - Network Power (Electric)**		Diesel	Diesel	Diesel
	1.4	**Operation Type: Hand - Stand-on - Driver seated**		Driver seated	Driver seated	Driver seated
	1.5	**Load Capacity**	Q (t)	6.0	7.0	8.0
	1.6	**Load Barycenter Distance**	c (mm)	600	600	600
	1.8	**Axle centre to fork face**	x (mm)	595 [3) 4)]	625 [3) 4)]	625 [3) 4)]
	1.9	**Wheel Base**	y (mm)	2305	2305	2305
Weights	2.1	**Service Weight**	kg	8410 [6)]	9520 [6)]	10180
	2.2	**Axle Weight with Rated Load front / rear**	kg	12890 [5)] / 1520	15100 [5)] / 1420	16535 / 1645
	2.3	**Axle Weight without load front / rear**	kg	3725 [5)] / 4685	4110 [5)] / 5410	4145 / 6035
Wheels and Tyres	3.1	**Tyres: SE = Superelastic PN = Pneus**		SE / SE [1)]	SE / SE [1)]	SE / SE [1)]
	3.2	**Front Tyres Size**		355/65 - 15 [1)]	355/65 - 15 [1)]	8.25 - 15 [1)]
	3.3	**Rear Tyres Size**		8.25 - 15 [1)]	8.25 - 15 [1)]	8.25 - 15 [1)]
	3.5	**Tyres: Number of Front / Rear Tyres (x = drive)**		2 (4) x / 2	2 (4) x / 2	4 x / 2
	3.6	**Front Track Width**	b10 (mm)	1515 (twin1585)	1515 (twin1585)	1585
	3.7	**Rear track Width**	b11 (mm)	1535	1535	1535
Dimensions and Overall Sizes	4.1	**Mast lift, forward / backward**	Grad	13° 30' / 11° [2)]	13° 30' / 11° [2)]	7° / 11° [2)]
	4.2	**Mast Minimum Overall Height**	h1 (mm)	2775	2775	2775
	4.3	**Free Lift**	h2 (mm)	150	150	150
	4.4	**Lift Height**	h3 (mm)	3280	3280	3280
	4.5	**Mast Maximum Overall Height**	h4 (mm)	4350	4350	4350
	4.7	**Overhead Guard Height**	h6 (mm)	2390	2390	2390
	4.8	**Seat Height**	h7 (mm)	1290	1290	1290
	4.12	**Drawbar Height**	h10 (mm)	710	710	710
	4.19	**Overall Length**	l1 (mm)	4725 [3) 4)]	4825 [3) 4)]	4825 [3) 4)]
	4.20	**Overall Length Including Fork Arms**	l2 (mm)	3525 [3) 4)]	3625 [3) 4)]	3625 [3) 4)]
	4.21	**Overall Width**	b1/b2 (mm)	1840 (twin 2100)	1840 (twin 2100)	2100
	4.22	**Fork Arms Dimensions**	s/e/l (mm)	60 / 130 / 1200	70 / 150 / 1200	70 / 150 / 1200
	4.23	**Fork Carriage in Compliance with DIN 15173 Class / Form A, B**		4A	4A	4A
	4.24	**Fork Carriage Width**	b3 (mm)	1800 (twin 2000)	1800 (twin 2000)	2000
	4.31	**Mast Ground Clearance (with load)**	m1 (mm)	155 (twin 170)	155 (twin 170)	170
	4.32	**Chassis Ground Clearance (with load) [middle of the chassis]**	m2 (mm)	250	250	250
	4.33	**Aisle Width with Pallet 1000x1200 and Fork Arms Pitch 1200**	Ast (mm)	5180 [3) 4)]	5270 [3) 4)]	5270 [3) 4)]
	4.34	**Aisle Width with Pallet 800x1200 and Fork Arms Pitch 800**	Ast (mm)	5380 [3) 4)]	5470 [3) 4)]	5470 [3) 4)]
	4.35	**Turning Radius**	Wa (mm)	3385	3445	3445
	4.36	**Turning Point Minimum Distance from the Truck Center Line**	b13 (mm)	***	***	***
Performance	5.1	**Drive Speed with / without load**	km/h	21 / 21,5	21 / 21,5	20.5 / 21
	5.2	**Lifting speed with / without load**	m/s	0.48 / 0.49	0.47 / 0.48	0,42 / 0,44
	5.3	**Lowering speed with / without load**	m/s	0.41 / 0.43	0.41 / 0.43	0.36 / 0.38
	5.5	**Drawbar Pull Tractive Effort (at 2 km/h) with / without load**	N	45200 / 27000 [6)]	44320 / 27560 [6)]	43510 / 27000 [6)]
	5.7	**Gradeability (at 2 km/h) with / without load**	%	32,5 / 29 [7)] (49 M.I.V) [8)]	28 / 27 [7)] (47,5 M.I.V) [8)]	24,5 / 25 [7)] (45 M.I.V) [8)]
	5.9	**Acceleration Time (15 m with / without load**	s	5 / 4,3 (II Gear)	5,3 / 4,4 (II Gear)	5,6 / 4,6 (II Gear)
	5.10	**Service Brake**		Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic
Engine	7.1	**Engine Manufacturer / Engine Type**		IVECO / F4GE0454A*D6	IVECO / F4GE0454A*D6	IVECO / F4GE0454A*D6
	7.2	**Engine Power in compliance with ISO 1585**	kW	74	74	74
	7.3	**Rated Number of Revolutions**	min^{-1}	2300	2300	2300
	7.4	**Cylinder Number / Displacement**	cm^3	4 / 4480	4 / 4480	4 / 4480
	7.5	**Fuel Consumption in compliance with VD-Cycle**	l/h	8,2	9,2	10,3
Others	8.1	**Drive Control Type**		Hydrodynamic Transmission	Hydrodynamic Transmission	Hydrodynamic Transmission
	8.2	**Service Pressure for Attachments**	bar	150	170	170
	8.3	**Oil Flow rate for Attachments (max. available)**	l/min	140	140	140
	8.4	**Noise at Operator's Ear**	dB (A)	82	82	82
	8.5	**Drawbar, model/Type DIN**		***	***	***

1) For alternative tyres see table
2) 3° / 7° with DX e TX mast
3) with lateral side shift + 50 mm (DI 60 C) + 40 mm (DI 70 C e DI 80 C)
4) with DX mast + 30 mm (DI 60 C) + 35 mm (DI 70 C e DI 80 C); with TX mast + 35 mm (DI 60 C) + 40 mm (DI 70 C e DI 80 C)
5) with tyres DX mast + 80 kg
6) traction limit forward travelling with f=0,9
7) traction limit forward travelling withf=0,9; max gradebility brake complying with ISO 6292
8) theorical data

Information and data reported here are not intended as binding in any way and refer to standard truck specification
For alternative masts see mast-table
For alternative wheels see wheels-table



LIFT MAST SPECIFICATIONS

				Standard (Simplex) (*)						Duplex (*)					Triplex (*)						
DI 60 C	Lift Height	h_3	mm	3280	3560	3960	4480	4960	5480	3260	3560	3760	3960	4360	4360	4660	5160	5560	5960	6560	6960
	Minimum Overall Height	h_1	mm	2775	2850	3050	3375	3550	3875	2430	2610	2680	2810	2980	2330	2430	2600	2805	2915	3195	3380
	Maximum Overall Height	h_4	mm	4350	4670	5070	5550	6070	6550	4275	4605	4775	5005	5375	5405	5675	6175	6600	6975	7600	8050
	Free Lift	h_2	mm	-	-	-	-	-	-	1480	1660	1730	1800	2030	1340	1440	1610	1825	1925	2215	2325
DI 70 C	Lift Height	h_3	mm	3280	3560	3960	4480	4960	5480	3260	3560	3760	3960	4360	4360	4660	5160	5560	5960	6560	6960
	Minimum Overall Height	h_1	mm	2775	2855	3055	3375	3565	3875	2530	2710	2780	2910	3080	2425	2530	2700	2910	3015	3300	3480
	Maximum Overall Height	h_4	mm	4350	4680	5080	5550	6080	6550	4350	4680	4850	5080	5450	5475	5750	6250	6680	7050	7680	8130
	Free Lift	h_2	mm	-	-	-	-	-	-	1500	1680	1750	1880	2050	1345	1440	1610	1820	1925	2210	2325
DI 80 C	Lift Height	h_3	mm	3280	3560	3960	4480	4960	5480	3260	3560	3760	3960	4360	4360	4660	5160	5560	5960	6560	6960
	Minimum Overall Height	h_1	mm	2775	2855	3055	3375	3565	3875	2630	2810	2880	3010	3180	2530	2630	2800	3010	3115	3400	3580
	Maximum Overall Height	h_4	mm	4350	4660	5060	5550	6080	6550	4450	4780	4950	5180	5550	5580	5850	6350	6780	7150	7780	8225
	Free Lift	h_2	mm	-	-	-	-	-	-	1500	1680	1750	1880	2050	1345	1440	1610	1820	1925	2210	2325

(*) optionl lateral side shift : mm 100 Dx / mm 100 Sx (DI 60 C) - mm 150 Dx / mm 150 Sx (DI 70 C - DI 80 C)

WHEELS

Type	Superelastic		Pneumatic	
	Front	Rear	Front	Rear
DI 60 - 70 C	355/65-15 single	8.25 - 15	355/65-15 / 24 p.r. single	8.25-15 / 16 p.r.
	8.25-15 twin		8.25-15 / 16 p.r. twin	
DI 80 C	8.25-15 twin	8.25 - 15	8.25-15 / 16 p.r. twin	8.25-15 / 16 p.r.

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DI 60C - 70C - 80C

A forklift truck designed for heavy-duty use, suitable for a variety of applications, and distinguished by its first class robustness, reliability, and versatility.

The **driver's seat** has been optimized for operator comfort. Rear view mirrors are a standard feature and provide complete visibility. The optimum accessibility, adjustable steering column and automotive pedal layout all contribute to a comfortable, ergonomic working position for the operator. The instrument panel allows the operator to control operating conditions readily and easily. The two-part hood lifts up to provide access to all componentary, allowing speedy maintenance operations. Steering is instinctive due to simple, comfortable controls, reducing fatigue and ultimately leading to improved performance and lower costs.

Steering is light and accurate due to the fully hydraulic power **steering** system with anti-shock system. Less than 0.5 kg. of effort is required for operation.

The new Turbo charged 3.9 liter **IVECO Diesel engines** have been designed specifically for industrial use and provide the right amount of power and torque at low RPMs.
Fuel consumption has been optimized, reducing maintenance intervals, emissions, and smoke. They meet the Stage II requirements of Directive 97/68/CE.
The turbo version is also equipped with balancing countershafts to reduce vibrations and noise.

The hydrodynamic **transmission** with torque converter and two-speed power shifting with electrohydraulic control is highly responsive and adaptable to all working conditions.
The power-assisted braking system provides fail-safe braking in all working conditions and requires minimal effort. This reliable, modular transmission offers a high degree of versatility using technology found in earth moving equipment. A robust axle with oil bath immersed disc brakes completes the power line.

The robust profiles of the **mast** allow for excellent visibility and a high residual load capacity. Simplex, duplex and triplex masts with heights up to 7000 mm are available.

Options: road lighting adjustable work lights, rotating beacon, audible reverse alarm, reversing lights, manual reversing control, 4- and 5-way hydraulic valves, oil bath air filter, spark arrester, exhaust purifier, 6 roller carraige, integral side shift, mesh overhead guard, load restrainer, single or twin pneumatic tyres, alternative fork lengths, simplex, duplex and triplex masts.

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A Linde Group Company

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