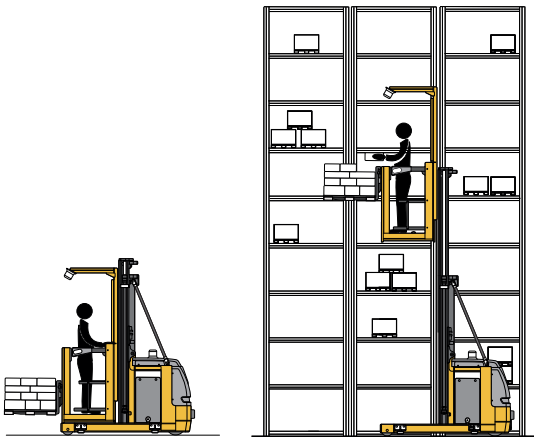


## Versatile and efficient medium level vertical order picker, ideal for free or guided aisles



The OMG 602 are vertical order pickers, ideal for medium level applications, highly versatile and efficient on free and guided aisles. The operator has direct access to the forks while still remaining safe inside the cabin thanks to the rising operator platform and to the forks with initial lift. These order pickers allow safe, comfortable and efficient picking. The 602 pickers are designed for up to third level picking, up to heights of 4500 mm.

The 2.6 kW traction motor, the 3 kW lift motor and the electronic control ensure manoeuvrability and power, providing the right amount of power for any type of application, even for the most intensive ones.

### Operator's compartment

The spacious cabin is designed for upright operation and sized to render all movements easy. All controls can be actuated from a multifunction ergonomic joystick suitably positioned for right-handed operation while the steering is ideal for left-handed operation. By opening the lateral doors you will also cause the feet guards to open upwards, allowing to operator to climb on and off the truck, without any obstacles. The base lights installed inside the cabin facilitate the reading of the picking orders, even on aisles with poor lighting.

### Mast

Two-stage masts made of cold drawn profiles, for resistance to bending

and twisting. The lift cylinders are installed outside of the mast profile and the chains are protected to ensure perfect visibility and maximum safety.

### Hydraulic system

Powerful and silent lift motor fitted with electronic control able to adjust the number of revolutions of the pump, providing the appropriate amount of oil every time. All hydraulic functions are controlled by proportional solenoid valves for precise and safe loads handling. Controlled cabin lifting and lowering so as to ensure smooth movement, improving the operating comfort.

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## Additional forks lifting

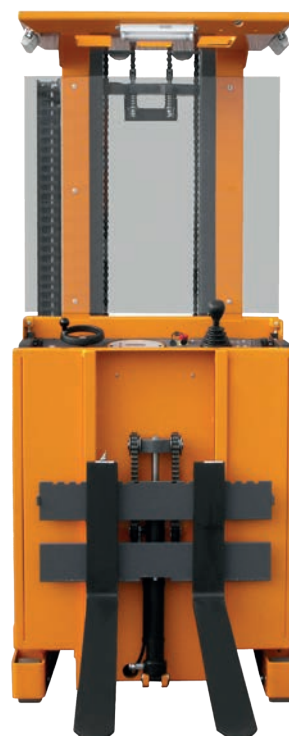
The cabin comes as standard with a built-in fork lifting system operated by buttons installed on the load side and controlled by a dedicated hydraulic motor. This way, the loading unit can be placed at optimal height every time, limiting operator fatigue. The tilting forks allow picking pallets or containers from the ground both transversally and longitudinally.

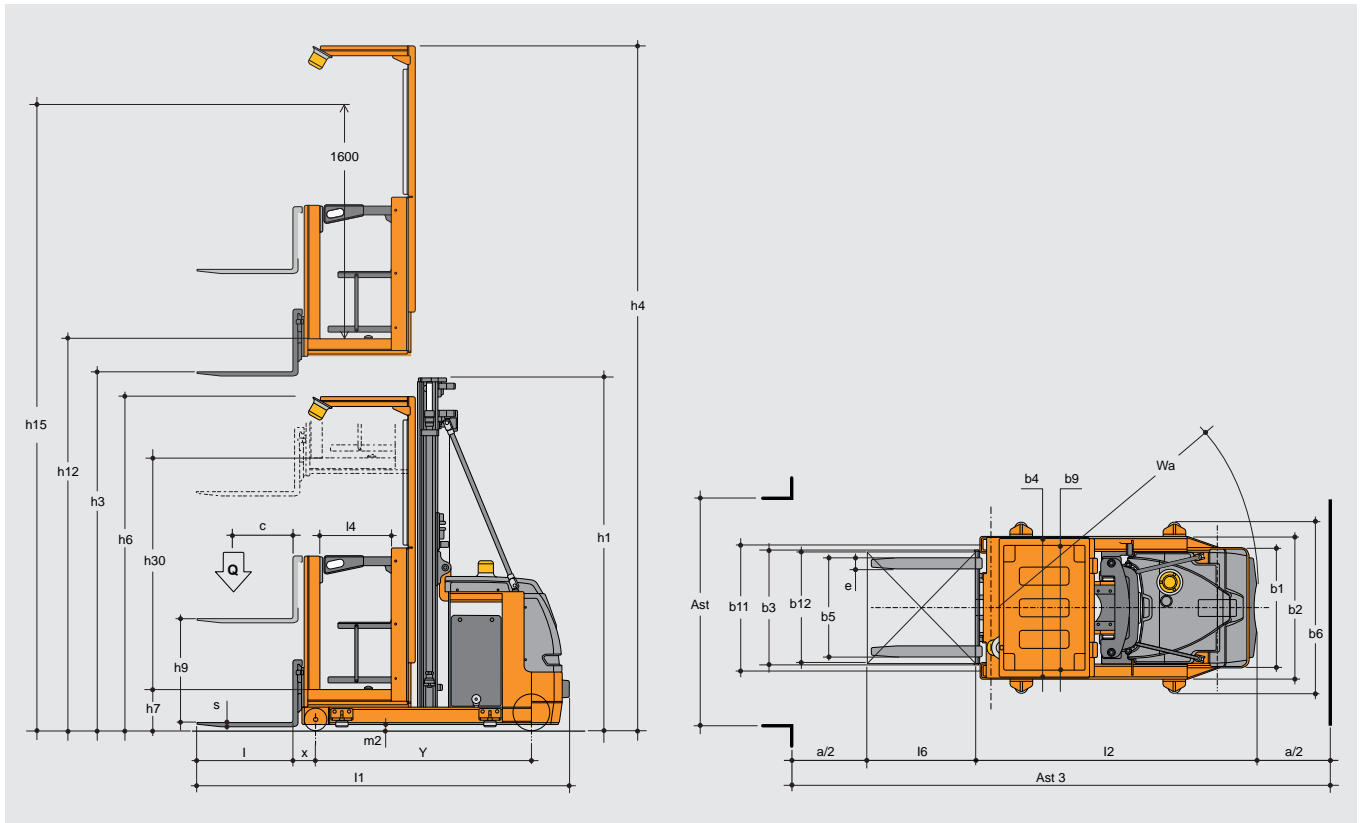


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## Guidance system on forks side (optional)

Driving controls positioned in front of the load





#### Standard masts

Description		Lowered mast height	Raised platform height	Picking height	Forks lifting stroke	Extended mast height
		h1	h12	h15	h3	h4
Duplex	mm	2,320	2,900	4,500	2,320	4,910

#### Accessories and special features

servo-assisted electric steering	headlights for loads picking	■
steering wheel position indicator	diagonal travel	■
lateral battery extraction system	stop lifting device on overhead guard	■
simple and double battery extraction roller with wheels	electronic speed control	■
lateral guide rollers	electromagnetic parking brake	■
capacity 1,000 Kg load centre of gravity 400 mm	voltmeter-timer, auto-lock function when 80% of the battery capacity is discharged	■
guidance and controls on forks side	electronic braking system	■
lighting system inside the cabin	access keypad with pin code	■

standard ■ optional ■

Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company
	1.2	Model			602
	1.3	Operation			electrical
	1.4	Operator position			order picking
	1.6	Capacity	Q	t	1.0
	1.6	Load centre of gravity	c	mm	400
	1.8	Load distance	x	mm	140
	1.9	Wheel centre distance	y	mm	1,490
	Weights	2.1	Truck weight incl. battery (see line 6.5)		kg
2.2		Weight on axis with front / rear load		kg	780 / 2,490
2.3		Weight on axis without front / rear load		kg	1,250 / 940
Wheels Frame	3.1	Wheels and tyres			polyurethane
	3.2	Front wheel size		mm	256
	3.3	Rear wheels size		mm	150
	3.5	Number of front / rear wheels (x = drive)		no.	1x / 2
	3.6	Front track	b10	mm	840
	3.7	Rear track	b11	mm	/
	Base dimensions	4.2	Lowered mast height	h1	mm
4.4		Forks lifting stroke	h3	mm	2,320
4.5		Extended mast height	h4	mm	4,910
4.7		Upper edge overhead guard height (cabin)	h6	mm	2,280
4.8		Seat height / Platform height	h7	mm	280
4.11		Additional lifting	h9	mm	790
4.14		Raised platform height	h12	mm	2,900
4.16		Platform length	l3	mm	
4.19		Overall length	l1	mm	2,610
4.20		Length including forks heel	l2	mm	1,820
4.21		Overall width	b1/b2	mm	800 / 950
4.22		Forks size	s/e/l	mm	30 / 100 / 790
4.24		Forks support plate width	b3	mm	750 - Fem 2A
4.25		Width over forks	b5	mm	750
4.26		Forks /transport surface internal gauge	b4	mm	835
4.27		Width over guide rollers	b6	mm	variable
4.31		Clearance under the mast	m1	mm	
4.32		Clearance at mid stroke	m2	mm	40
4.33		Working aisle width with 800 x 1200 transversal pallet	Ast3	mm	2,820
4.34		Working aisle width with 800 x 1200 longitudinal pallet	Ast	mm	1,150
4.35		Turning radius	Wa	mm	1,750
4.40		Picking height (h12 + 1600)	h15	mm	4,500
4.42		Pallet width	b12	mm	1,200
4.43		Pallet length	l6	mm	800
4.44		Operator station width	b9	mm	
4.45		Operator station height	h30	mm	
4.46		Cabin width	l4	mm	
			Platform length / height / width		mm
Performance	5.1	Speed with / without load		km/h	8.0 / 8.2
	5.2	Lifting speed with / without load		m/s	0.19 / 0.23
	5.3	Lowering speed with/without load		m/s	0.33 / 0.25
	5.10	Service brake			reverse
	5.11	Parking brake			Electromagnetic
	Electric motors	6.1	Traction motor, 60 min performance with S2		kW
6.2		Lift motor, 15% performance with S3		kW	4
		Lift motor, power S3 5%		kW	
6.3		Battery as per DIN 43531 / 35 / 36 A, B, C, no			DIN
6.4		K5 battery voltage, nominal capacity		V/Ah	24 / 460 - 500*
6.5		Battery weight		kg	360
Miscellaneous	8.1	Type of electronic system			DC
	8.4	Noise threshold as per EN 12 053		dB(A)	< 70
	8.6	Electric			steering
					* optional

Technical data sheet referring to pallet truck in standard version; data determined in compliance with VDI 2198. These values may differ if your product is fitted with other types of wheels and tires, supports and accessories. All data and images herein are indicative, OMG S.r.l. Single member company reserves the right to modify the documentation without prior notice.