



**Efficient and reliable ride-on
vertical order picker with rising
operator platform
Ideal for manual picking
applications**

Models OMG 601 are easy to use and efficient vertical order pickers with rising operator platform and fixed forks, ideal for low level applications. Thanks to the particular structure of the machine, with the forks that come out as an extension of the platform, the operator has direct access to the load without any obstacles. The 601 pickers are designed for first and second level picking up to heights of 2800 mm.

The 601 are ideal for low level applications on free or guided aisles. 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

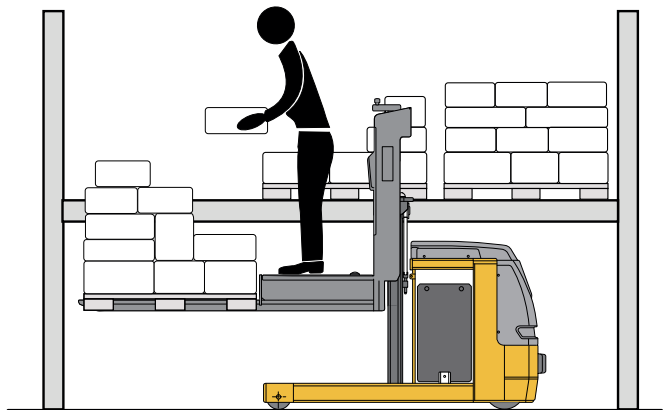
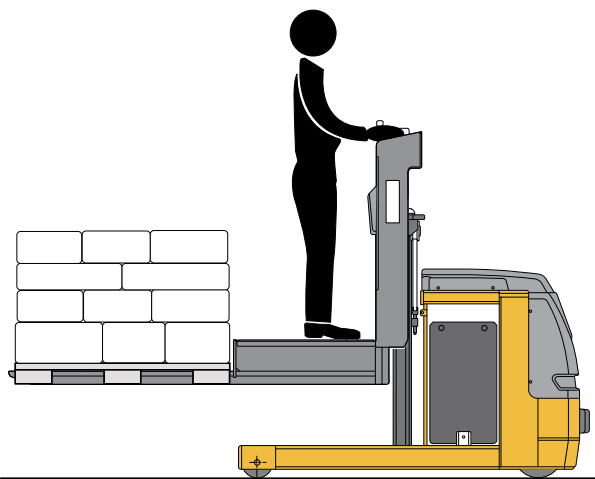
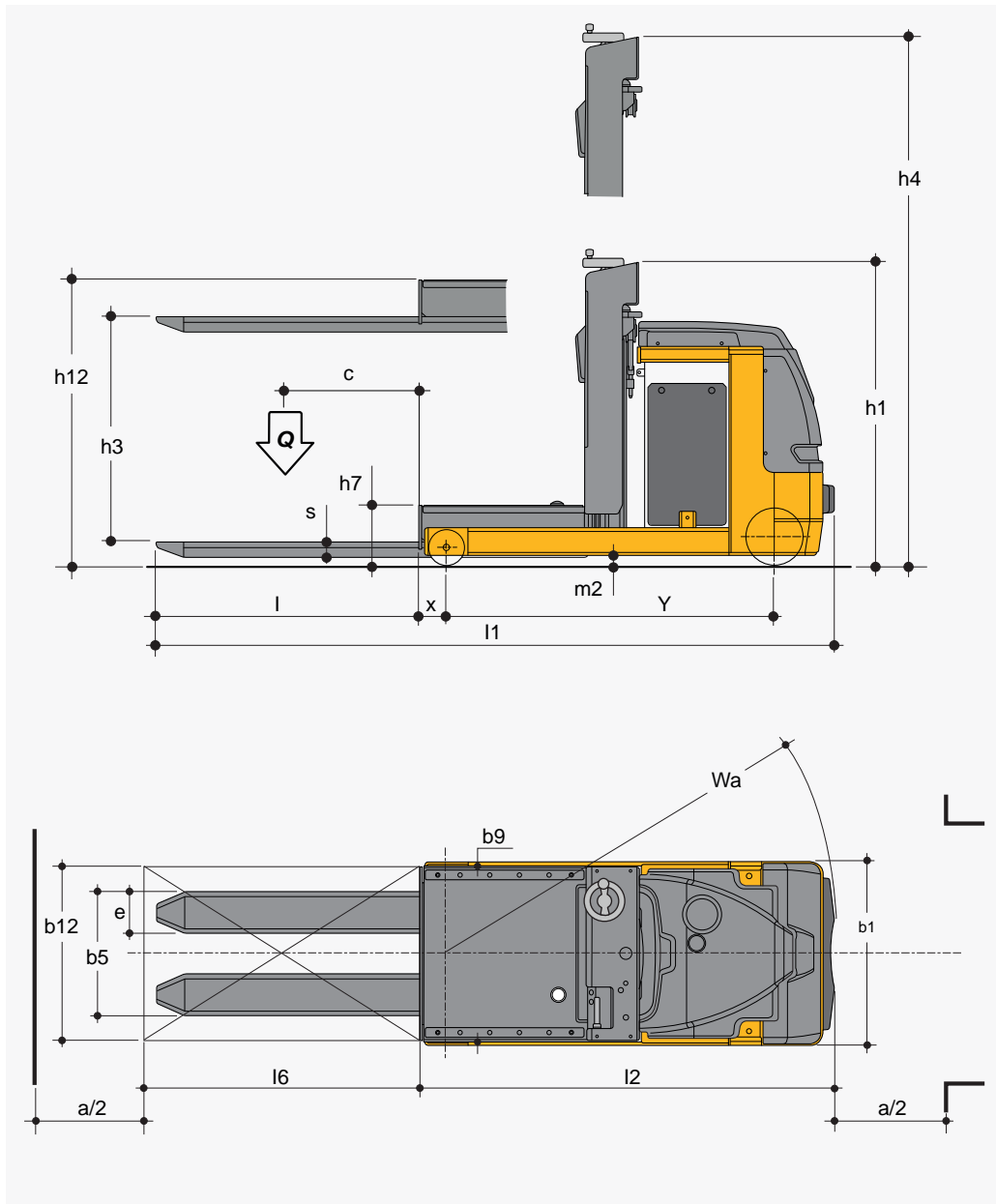
All controls are represented by multifunction ergonomic buttons suitably positioned for right-handed operation while the steering is ideal for left-handed operation.

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 load lifting and lowering so as to ensure smooth movement, improving the operating comfort.



Characteristics	1.1	Manufacturer			OMG S.r.l. Single member company	
	1.2	Model			601	
	1.3	Powertrain : E (electric)			E	
	1.4	Type of steering : S (steering wheel) P (stand-on)			S / P	
	1.5	Capacity	Q	t	1.0	
	1.6	Center of mass	c	mm	600	
	1.8	Load distance	X	mm	120	
	1.9	Wheel centre distance	Y	mm	1,440	
	Weights	2.1	Truck weight (with battery)		kg	1,400
2.2		Weight on axis (with load)	front/rear	kg	360 / 2,060	
2.3		Weight on axis (without load)	front/rear	kg	946 / 454	
Wheels	3.1	Tyres and wheels : vлк (vulkollan) plt (polyurethane)			plt	
	3.2	Front wheels size		mm	256	
	3.3	Rear wheels size		mm	150	
	3.5	Wheels number : front / rear (x = drive)			1x / 2	
	3.7	Rear track	b10	mm		
Dimensions	4.2	Lowered mast height	h1	mm	1,070	
	4.4	Forks lifting stroke	h3	mm	1,040	
	4.5	Extended mast height	h4	mm	2,270	
	4.7	Overhead guard height	h6	mm		
	4.8	Platform/seat height from the ground	h7	mm	250	
	4.11	Additional lifting	h9	mm		
	4.14	Operator platform maximum height from the ground	h12	mm	1,290	
	4.19	Overall length (without load)	l1	mm	2,960	
	4.20	Length including fork plates	l2	mm	1,810	
	4.21	Overall width	b1 / b2	mm	800	
	4.22	Forks size	s / e / l	mm	60 / 180 / 1,150	
	4.24	Forks support plate width	b3	mm	770	
	4.25	Width over forks	b5	mm	540	
	4.27	Width over guide rollers	b6	mm		
	4.31	Clearance under the mast	with load	m1	mm	
	4.32	Clearance at mid stroke	with load	m2	mm	40
	4.34	Working aisle pallet 800 x 1200 forking 1200	Ast3	mm		
		Working aisle pallet 800 x 1200 forking 800	Ast3	mm	3,210	
	4.35	Turning radius	Wa	mm	1,710	
	4.39	Total lift	h3+h9	mm	1,040	
	4.40	Picking height	h12+1600	mm	2,890	
	4.42	Pallet width	b12	mm	800	
	4.43	Pallet length	l6	mm	1,200	
4.44	Operator station width		mm	720		
4.45	Operator cabin height		mm			
4.46	Operator cabin width	b9	mm	770		
	Platform length / height / width		mm	720 / 770		
Performance	5.1	Translation speed	with load / empty	km / h	9 / 9.5	
	5.2	Lifting speed	with load / empty	m / s	0.19 / 0.23	
	5.3	Lowering speed	with load / empty	m / s	0.33 / 0.25	
	5.10	Service brake M (mechanical) I (hydraulic) IV (reverse)			IV	
	5.11	EM (electromagnetic) parking brake			EM	
Motor	6.1	Traction motor, power S2 60 min		kW	2.6	
	6.2	Lift motor, power S3 15%		kW	3	
	6.3	Battery as per DIN 43531 / 35 / 36 A, B, C, no			DIN	
	6.4	K5 battery voltage, capacity		V / Ah	24 / 460	
	6.5	Battery weight (± 5 %)		kg	350	
Other	8.1	Start control type			MOS DC	
	8.4	Noise level at operator's station		db (A)	< 70	
	8.6	Steering : E (electric)			E	
technical data determined in compliance with VDI 2198						
All data and images herein are indicative, OMG S.r.l. Single member company reserves the right to modify the documentation without prior notice.						

servo-assisted steering wheel

s

automatic battery filling system

o

drive wheel position indicator

s

electronic braking system

s

lateral battery extraction

s

electronic speed control

s

single roller for lateral battery extraction

o

electromagnetic parking brake

s

double roller for lateral battery extraction

o

voltmeter-timer, 80% lifting lock

o

setup for cold storage

o

access keypad with pin code

o

adjustable support for fork levelling

o

s=standard

o=optional