



US Import & Distribution



*4-Directional Forklift / Reach Truck.  
High tech solutions, quality and innovation.*



*QL Series 8800 - 15400 lbs*







Battioni Pagani Group combines two independent privately held companies. Battioni Pagani Pompe world wide leader in design and manufacturing of revolving blade industrial pumps established in 1950, and BP Handling Technologies pioneering the side loader market since 1959.

The modern 160,000 square foot manufacturing facility is home to the metal shop, vehicle assembly, final testing and quality control.

BP manufactures a complete range of side loading vehicles, from 2T to 50T. Vehicles are powered by a wide range of power plants - Diesel / LPG / Electric and currently developing a hybrid model

BP has always been an innovative leader, by adopting and developing custom solutions with high tech integration. The BP Q generation 3-wheel side loader platform offers a stabile four directional platform for the control of long loads in the 4t to 8t capacity range. The robust chassis provides for a smooth & stabile operation on uneven floors or pavement.



## Technology and Development



Multifunctional finger tip joystick control of the hydraulics.  
Rigid mast made from manganese extruded steel.



3-driven and steered wheels provide optimum performance and control in tight quarters. The vehicle steers in forward-reverse & side-side mode.



BP utilizes a cross system of hydraulic pistons rather than chains to extend and retract the mast for smooth even positive control.





# Innovation and Quality

Our technical department specializes in the mechanical, hydraulic and electronic design of custom machines. Solid three point frame base supports work on uneven floors. The unobstructed simple instrumentation provides constant real-time vehicle information

The spacious ergonomic cab offers the operator wide visibility for the all around 360 travel capability of the vehicle. Automotive style foot pedals for travel & braking for intuitive control. Fitted with powerful Diesel or optional LPG motors and hydrostatic transmission with electric-control.

Cab	Spacious with fully adjustable seating
	Integrated arm rest servo hydraulic joystick
	Hydrostatic Transmission with electronic control
	Multifunction proportional joystick
	Three cab mounted work lights
	Diesel or LPG
	Reinforced Mast Channels
	Automotive style pedals
	Steering modes forward / reverse - side / side
	All wheels steer and driven



# All Wheel Steering

Side travel for long load handling in narrow confines, vehicle shown with spreader bar and moveable fork option for long load handling.

Forward travel as a conventional reach truck shown with optional wide fork carriage and fork positioner.



Easy access maintenance covers

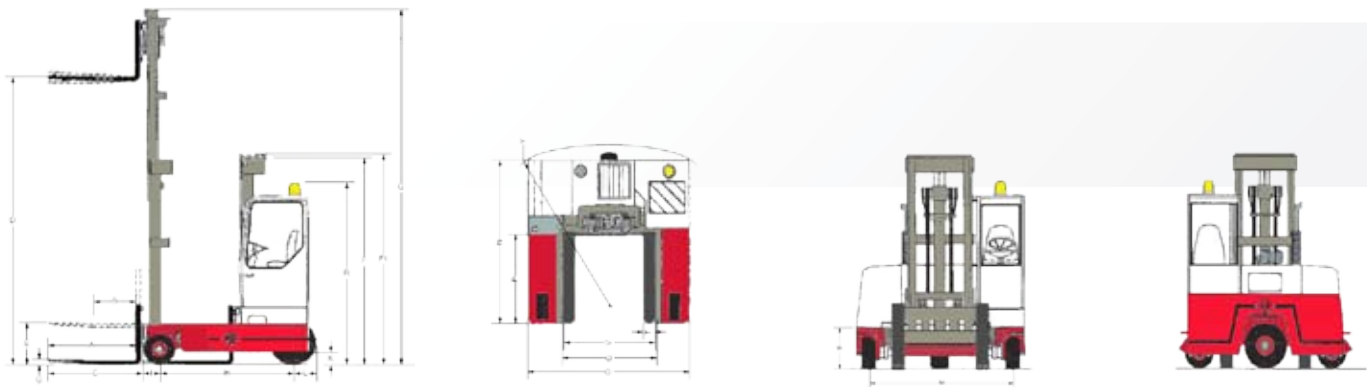
Covers also provide noise abatement



At home in the yard / outdoor all - weather

At home Indoors / in narrow aisles





		Model			QL-T4	QL-T4	QL-T4G	QL-T4G
Specifications	1	Nominal Capacity		lbs	8 800	8 800	8 800	8 800
	2	Load Centre to fork face	B	in	24"	27.5"	24"	27.5"
	3	Power Supply			Detroit Diesel	GM LPG	Detroit Diesel	GM LPG
	4	Driver			Driver Seated			
	5	Tires (front / rear)			Super Elastic			
	6	N of Wheels (front / rear*) (*driven)			2 / 1			
Dimensions	7	Standard Lift	D	in	157.5"			
	8	Standard Free Lift	E	in	20.9"			
	9	Fork Thickness	U	in	2.4"			
	10	Fork Width	T	in	5.9"			
	11	Fork Length	A	in	47.2"	55.1"	47.2"	55.1"
	12	Fork Tilt (down / up)	a/B	deg	+5 / -3			
	13	Overall Length	N	in	92.5"			
	14	Overall Width	O	in	90.5"	98.4"	90.5"	98.4"
	15	Collapsed Mast Height	F	in	117.3"			
	16	Mast Height w. forks on deck	F1	in	118.1"			
	17	Raised Mast Height	G	in	200.8"			
	18	Cabin Height	R	in	105.1"			
	19	Forks Extended	C	in	51.2"	59.1"	51.2"	59.1"
	20	Well Width	Q	in	55.1"			
	21	Distance Fork Spread (min / max)	V	in	11.8" / 53.1"			
	22	Platform Height	W	in	23.0"			
	23	Platform Width	P	in	48.4"	56.3"	48.4"	56.3"
	24	Minimum Turning Radius	Y	in	92.5"	99.6"	92.5"	99.6"
Performance	25	Stability Compliance			European Standards - EU Richtlinien - Normative Europee			
	26	Travel Speed (laden / unladen)		mph	9.3			
	27	Lifting Speed (laden / unladen)		fpm	79 / 83			
	28	Lowering Speed (laden / unladen)		fpm	79 / 69			
	29	Traverse Mast Speed (out / in)		fpm	59 / 67			
30	Gradeability (laden / unladen)		%	20 / 28				
Weight	31	Weight without Load		lbs	14990	15430	14990	15430
	32	Axle Weight (front / rear) w. load		lbs	11600 / 11650	11760 / 11805	11600 / 11650	11760 / 11805
	33	Axle Weight (front / rear) wo. load		lbs	4595 / 9850	4750 / 10000	4595 / 9850	4750 / 10000
Tires	34	Number of Wheels (front / rear)			2 / 1			
	35	Tire Size (front n* 2)			200 x 50-10 SE			
	36	Tire Size (rear n*1)			27 x 10-12 SE			
	37	Wheelbase	H	in	72.8"	80.7"	72.8"	80.7"
	38	Wheel Track (front)	M	in	78.7"			
	39	Overhang (front / rear)	I/L	in	9.1" / 8.7"			
	40	Min. Ground Clearance	K		7.5"			
41	Hand Parking Brake (on 3 tires)			Electric-Hydraulic				
Transmission	42	Battery Capacity		V/Ah	12 / 110			
	43	Motor Type			D754 - E2	IMPCO 3.0L	D754 - E2	IMPCO 3.0L
	44	Power Capacity ISO 1585		Kw	50 - 2600 g/min	55 - 3000 g/min	50 - 2600 g/min	55 - 3000 g/min
	45	Cylinders / Displacement		n / cm <sup>3</sup>	4 / 2800	4 / 3000	4 / 2800	4 / 3000
	46	Max. Torque		daNm	21 - 1400 g/min	20.5 - 1800 g/min	21 - 1400 g/min	20.5 - 1800 g/min
	47	Specific Consumption			235 g/Kwh	2.8 L/h	235 g/Kwh	2.8 L/h
	48	Transmission			Hydrostatic			
	49	Number of Gears (fwd / rev)			1 / 1			
Other	50	Hydraulic Pressure (work / max)		psi	1885 / 2175			
	51	Steering			Servo Hydrostatic			

# Specifications



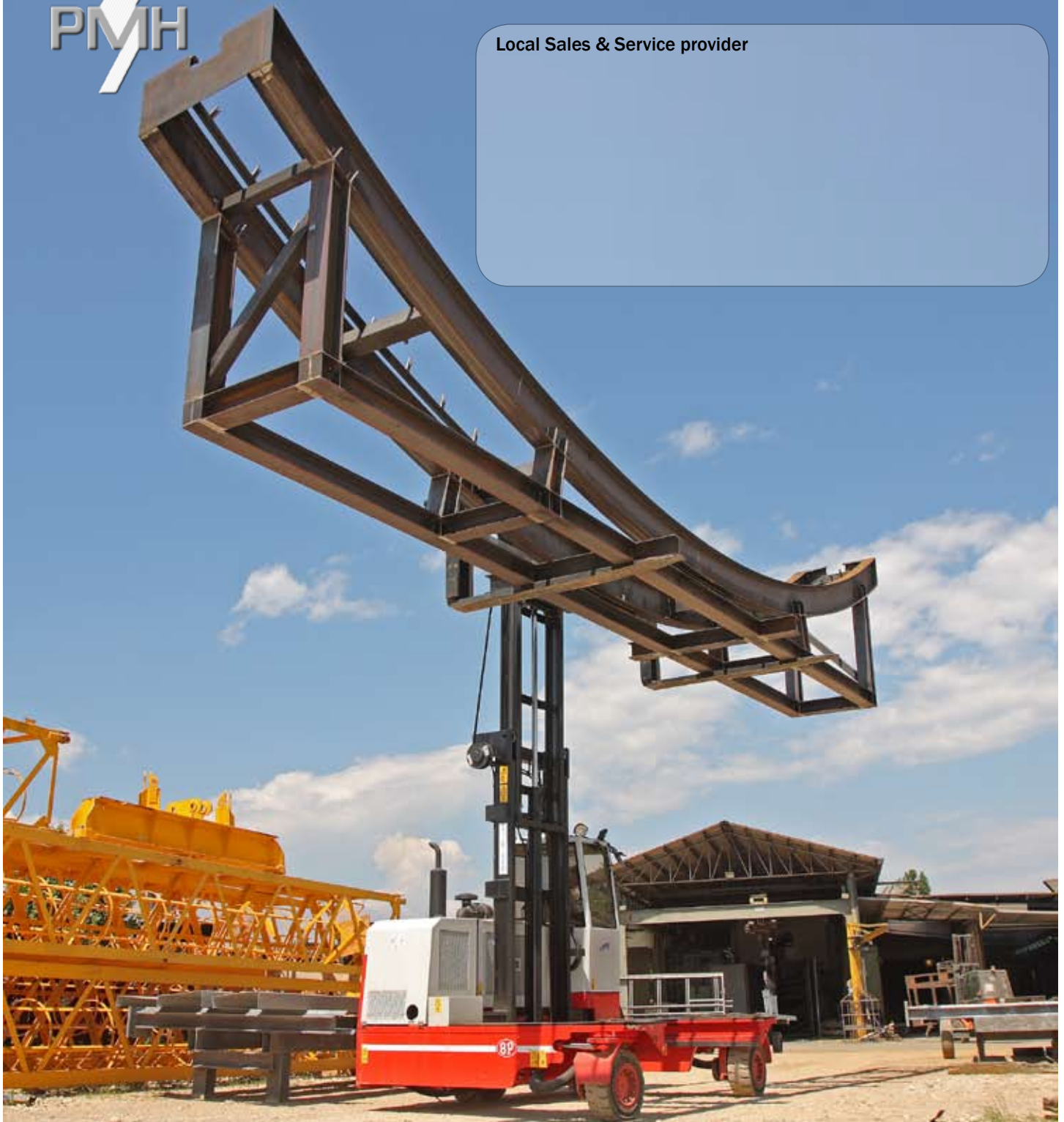
	QL-T45	QL-T45	QL-T45G	QL-T45G	QL-T5	QL-T6	QL-T6	QL-T7	
	1200	1400	1200	1400	1200	1200	1400	1400	
1	9 900	9 900	9 900	9 900	11 000	13 225	13 225	15 400	
2	24"	27.5"	24"	27.5"	24"	24"	27.5"	27.5"	
3	Detroit Diesel	GM LPG	Detroit Diesel	GM LPG	Detroit Diesel	Detroit Diesel	Detroit Diesel	Detroit Diesel	
4	Driver Seated								
5	Super Elastic								
6	2 / 1								
7	157.5"								
8	20.9"				23.6"		37.4"		
9	2.4"								
10	5.9"				7.9"				
11	47.2"	55.1"	47.2"	55.1"	47.2"	47.2"	55.1"		
12	+5 / -3				+3.5 / -3.5		+3 / -3		
13	92.5"				110.2"				
14	90.5"	98.4"	90.5"	98.4"	90.5"	96.5"	104.3"		
15	117.3"				112.2"		133.9"		
16	118.1"				112.2"		133.9"		
17	200.8"				201.6"		212.6"		
18	105.1"				113.4"				
19	51.2"	59.1"	51.2"	59.1"	51.2"	51.2"	59.1"		
20	55.1"				65.0"				
21	11.8" / 53.1"				15.7" / 63.0"				
22	23.0"				29.9"				
23	48.4"	56.3"	48.4"	56.3"	48.4"	49.2"	57.1"		
24	92.5"	99.6"	92.5"	99.6"	92.5"	102.4"	108.3"		
25	European Standards - EU Richtlinien - Normative Europee								
26	9.3				7.5				
27	79 / 83				75 / 79		69 / 79		
28	79 / 69				73 / 65				
29	59 / 67								
30	18 / 25				19 / 27		20 / 30		15 / 25
31	15430	15875	15430	15875	-	-	-	-	
32	12270 / 12310	12425 / 12470	12270 / 12310	12425 / 12470	-	-	-	-	
33	4705 / 9955	4860 / 10110	4705 / 9955	4860 / 10110	-	-	-	-	
34	2 / 1								
35	200 x 50-10 SE				23 x 10-12 SE				
36	27 x 10-12 SE				355 / 65-15 SE				
37	72.8"	80.7"	72.8"	80.7"	72.8"	74.2"	82.1"		
38	78.7"				94.1"				
39	9.1" / 8.7"				11.8" / 10.0"				
40	7.5"				7.9"				
41	Electric-Hydraulic								
42	12 / 110				12 / 145				
43	D754 - E2	IMPCO 3.0L	D754 - E2	IMPCO 3.0L	D754 - SE3	D754 - TE3	D754 - TE3	D704 - TE3	
44	50 - 2600 g/min	55 - 3000 g/min	50 / 2600 g/min	55 / 3000 g/min	50 / 2600 g/min	60 / 2600 g/min	60 / 2600 g/min	60 / 2600 g/min	
45	4 / 2800	4 / 3000	4 / 2800	4 / 3000	4 / 2800	4 / 3000	4 / 3000	4 / 3000	
46	21 - 1400 g/min	20.5 - 1800 g/min	21 - 1400 g/min	20.5 - 1800 g/min	21 - 1400 g/min	27 - 1500 g/min	27 - 1500 g/min	27 - 1500 g/min	
47	235 g/Kwh	2.8 L/h	235 g/Kwh	2.8 L/h	235 g/Kwh	230 g/Kwh	230 g/Kwh	230 g/Kwh	
48	Hydrostatic								
49	1 / 1								
50	2030 / 2320				1885 / 2175		2125 / 2465		2248 / 2538
51	Servo Hydrostatic								

# Innovation and Design



Customize your lift with many available options or let our sales engineers assist you with the design of a custom built vehicle

Local Sales & Service provider



*Lateral Handling Specialists.*

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