

ELECTRIC PALLET TRUCKS

SERIES

QX 18  
QX 20



## ELECTRIC PALLET TRUCKS

### Tiller head and controls

The tiller head, designed for **operator comfort**, is fitted with many controls accessible without having to lift the hand from the handle.

- **Large butterfly control** allows accurate speed and direction control. By releasing the throttle, the brake system with energy recovery is engaged.
- **Double lifting command** placed on both sides of the handle.
- **Hour meter** and **battery discharge** indicator displays.
- **Safety button** and **horn** are located on the top of the tiller head. This safety device uses a warning signal if the machine makes the contact with the operator during reversing manoeuvres. The system will automatically move the machine forward to avoid injury.
- **On/Off key**



### Battery Housing

- The **battery cover is easily removed** allowing easier access to the battery housing. In order to have a truck personalised this Series offers a wide range of high performance battery options up to 230Ah.
- The **battery charger connector** allows the operator to disconnect the machine from the battery, and connect it to an external battery charger.



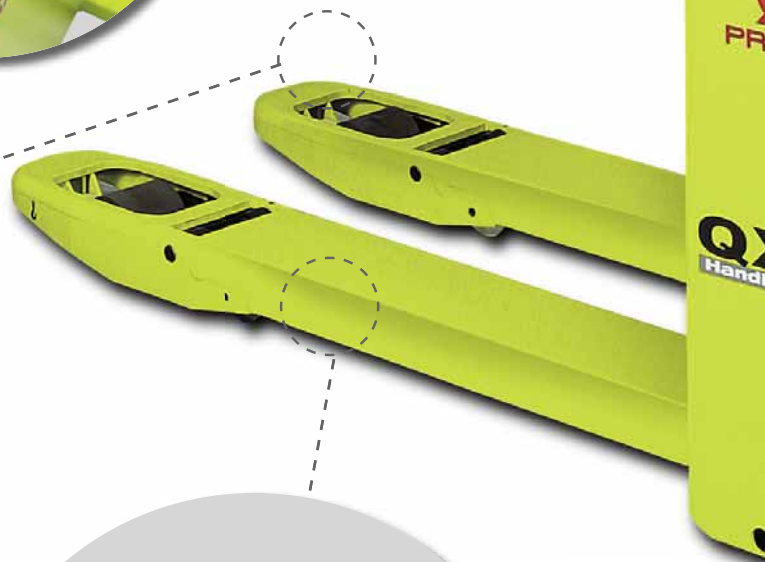
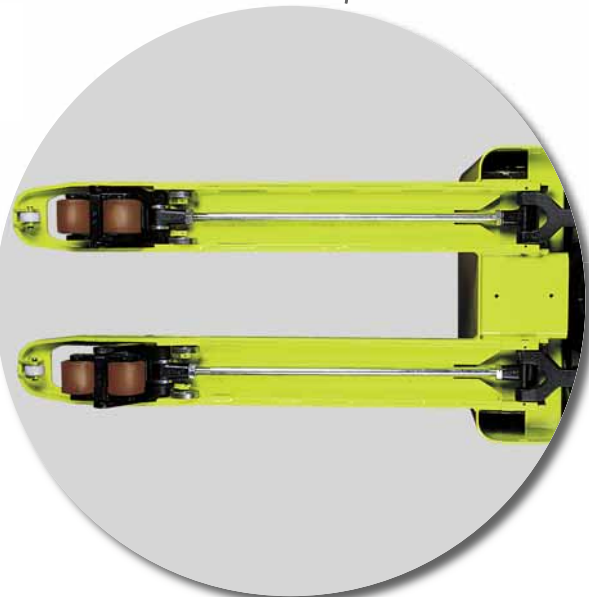
### Forks

The **fork ends** made of steel casting, include **1 entry roller** and **4 exit rollers**. The fork ends are welded on a fork of **8 mm thickness** which has additional **inner reinforcements**. Available with single or tandem load roller.



### Connecting rods

Thanks to the **pulling system of the connecting rods** the material has a higher resistance as it is stressed by traction rather than compression. Moreover **it is possible to adjust the length of the connecting rod** by screw that allows a fast micro adjustment of the fork height.



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#### Micro switch

When the machine is at its maximum lift height a micro switch disconnects the power, thus **reducing the battery energy consumption**.



#### Motors

Both the lifting (1.6kW) and traction (0.9 - 1.2 kW) motors have a 24Volt voltage. The vertically assembled allows easier access to the internal parts, reduced dimensions and the stress on the cables. The **separated excited traction technology (SEM)** guarantees a maximum speed of 6km/h with or without load, while the **MOSFET transistor** is used to regulate control traction and allows smooth and progressive control.



#### Stabilising wheels

**Two adjustable wheels** allow ease of movement, even on the most difficult of surfaces. The wheels also provide **greater stability** under all conditions.

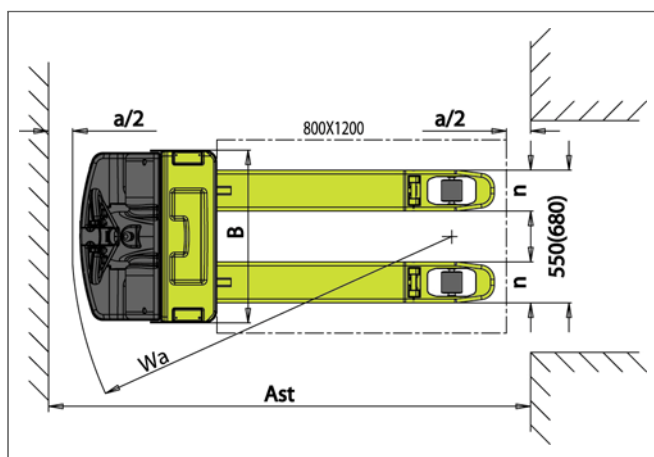
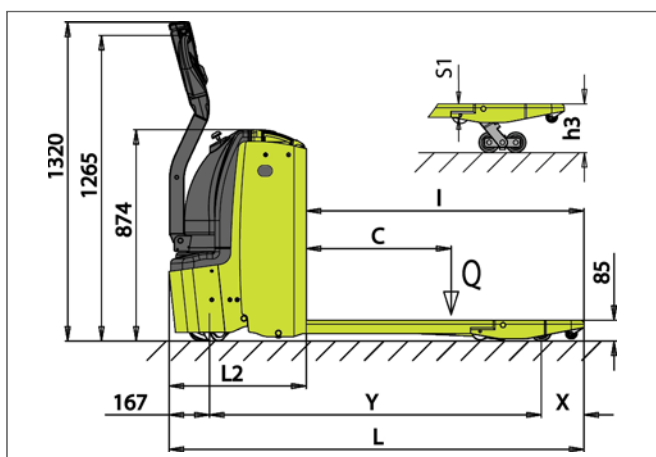


CODE				EGH23000	EGH43000	EGH24000	EGH44000	EG423000	EG443000	EG424000	EG444000
MODEL				QX 18				QX 20			
TYPE				550X1000	550X1150	680X1000	680X1150	550X1000	550X1150	680X1000	680X1150
CAPACITY	Q	Nominal load	Kg	1800	1800	1800	1800	2000	2000	2000	2000
CENTRE OF GRAVITY	C	Distance	mm	600	600	600	600	600	600	600	600
DRIVING SYSTEM		Escort		●	●	●	●	●	●	●	●
<b>DIMENSIONS</b>											
ELEVATION	h3	Total Elevation	mm	200	200	200	200	200	200	200	200
	h2	Normal Free Elevation	mm	115	115	115	115	115	115	115	115
LENGTH	l	Fork Length	mm	1000	1150	1000	1150	1000	1150	1000	1150
	nXS1	Fork width x thickness	mm	170x55	170x55	170x55	170x55	170x55	170x55	170x55	170x55
	L	Total length	mm	1565	1715	1565	1715	1565	1715	1565	1715
DIMENSIONS	L2	Steer unit length	mm	567	567	567	567	567	567	567	567
	B	Width	mm	716	716	716	716	716	716	716	716
		Working width	mm	550	550	680	680	550	550	680	680
TURNING RADIUS	Wa		mm	1425	1575	1425	1575	1425	1575	1425	1575
STOWAGE PASSAGE	Ast	800x1200	mm	1850	2000	1850	2000	1850	2000	1850	2000
<b>PERFORMANCES</b>											
SPEED		Translation with/without load	Km/h	6,0/6,0	6,0/6,0	6,0/6,0	6,0/6,0	6,0/6,0	6,0/6,0	6,0/6,0	6,0/6,0
		Lifting with/without load	m/s	0,04/0,05	0,04/0,05	0,04/0,05	0,04/0,05	0,04/0,05	0,04/0,05	0,04/0,05	0,04/0,05
		Descent with/without load	m/s	0,05/0,04	0,05/0,04	0,05/0,04	0,05/0,04	0,05/0,04	0,05/0,04	0,05/0,04	0,05/0,04
MAX. SUP. SLOPES		with/without load	%	10/20	10/20	10/20	10/20	10/20	10/20	10/20	10/20
<b>WEIGHTS</b>											
EMPTY WEIGHTS		With battery 230Ah	Kg	510	520	510	520	510	520	510	520
AXLE LOADING		With load (driver/load)	Kg	723/1587	881/1439	723/1587	881/1439	756/1754	940/1580	756/1754	940/1580
		Without load (driver/load)	Kg	390/120	395/125	390/120	395/125	390/120	395/125	390/120	395/125
<b>FRAME</b>											
WHEELS		Driver/load side	Nr	2+1 M/2	2+1 M/2	2+1 M/2	2+1 M/2	2+1 M/2	2+1 M/2	2+1 M/2	2+1 M/2
		Driver/load side	*	P+P/P	P+P/P	P+P/P	P+P/P	P+P/P	P+P/P	P+P/P	P+P/P
TYRES		Driver-wheel dimensions	mm Ø	230x75	230x75	230x75	230x75	230x75	230x75	230x75	230x75
		Stabilizer wheels dimensions	mm Ø	100x40	100x40	100x40	100x40	100x40	100x40	100x40	100x40
		Load side dimensions	mm	85x90	85x90	85x90	85x90	85x90	85x90	85x90	85x90
WHEELS BASE	Y	Back/Front	mm	1224	1373	1224	1373	1224	1373	1224	1373
	X		mm	175	175	175	175	175	175	175	175
OPERATING BRAKE		Electric	type	●	●	●	●	●	●	●	●
<b>DRIVE</b>											
		Traction	type	●	●	●	●	●	●	●	●
BATTERY		Voltage/Capacity (min-max)	V/Ah	24/180-230	24/180-230	24/180-230	24/180-230	24/180-230	24/180-230	24/180-230	24/180-230
		Weight (min-max)	Kg	190-216	190-216	190-216	190-216	190-216	190-216	190-216	190-216
ELECTRIC MOTORS		Traction motor	KW	0,9	0,9	0,9	0,9	1,2	1,2	1,2	1,2
		Lifting motor	KW	1,6	1,6	1,6	1,6	1,6	1,6	1,6	1,6
GEAR CONTROLS		Electric	type	●	●	●	●	●	●	●	●

\*P=Polyurethane

ACCESSORIES			
<b>BATTERY</b>			
CODE		EY000A00008	EY000A00009
TYPE	V-Ah	24-180	24-230
ENDURANCE	h	6	8
WEIGHT	Kg	190	216
<b>CHARGER</b>			
CODE		EY000A00004	HY000A00005
CODE UK		EY000A00005	HY000A00006
TYPE	V-A	24-30	24-40

Available with double load roller and Vulkollan® or carved driving wheel ring



The producer reserves the right to introduce changes to models and features without prior notice.

Certifications	Warranty
CONFORMS TO THE EUROPEAN SAFETY RULES REG. N. 1134 UN EN ISO 9001:2000 <b>PRAMAC Lifter S.p.A.</b> Località Il Piano 53031 Casole d'Elsa (SI) - Italy	• 12 months warranty <hr/> <b>Service and Parts</b>  FOR INFORMATION ABOUT THE NEAREST PRAMAC SERVICE AND PARTS CENTRE: <a href="http://WWW.PRAMAC.COM">WWW.PRAMAC.COM</a>

AUTHORISED DEALER