

DIECI



APOLLO-€

26.6



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PERFORMANCE	
Vehicle model	APOLLO-e 26.6
Maximum capacity	2600 kg (5732 lb)
Maximum lifting height	5.73 m (18.8 ft)
Maximum horizontal extension	3.2 m (10.5 ft)
Fork swiveling angle	129°
Pull-out force	5510 daN (12387 lbf)
Towing force	4100 daN (9217 lbf)
Unladen weight	5100 kg (11244 lb)
Maximum climb angle	40 %
Max speed (referred to wheels with maximum permitted diameter)	24 km/h (14.9 mph)

BOOM	
Vehicle model	APOLLO-e 26.6
Getting off the basket	6.5 s
Lifting	10 s
Extension	8.8 s
Retraction	5.2 s
Forward swiveling	4,4 s
Reverse swiveling	5 s

ELECTRIC MOTOR	
Vehicle model	APOLLO-e 26.6
Traction Motor Type	Asynchronous
Traction Motor Nominal Voltage	96 V
Traction Motor Cooling	Air
Traction Motor Rated Power	19 kW (25 HP)
Traction Motor Power Reference	S2 60'
Traction Motor Peak Power	56 kW (75 HP)
Hydraulic Motor Type	Reluctance synchronous
Hydraulic Motor Nominal Voltage	96 V
Hydraulic Motor Cooling	Air
Hydraulic Motor Rated Power	22 kW (30 HP)
Hydraulic Motor Power Reference	S3 15%
Hydraulic Motor Peak Power	27 kW (36 HP)

BATTERY	
Vehicle model	APOLLO-e 26.6
Standard Battery Type	Lithium Ion
Standard Battery Chemistry	LiFePo
Standard Battery Nominal Voltage	96 V
Standard Battery Capacity (Ah)	228 Ah
Standard Battery Capacity (kWh)	22 kWh
Optional Battery Type	Lithium Ion
Optional Battery Chemistry	LiFePo
Optional Battery Nominal Voltage	96 V
Optional Battery Capacity (Ah)	456 Ah
Optional Battery Capacity (kWh)	44 kWh
STANDARD battery charging time (220V)	5,3 h
STANDARD battery charging time (400V)	2,7 h
STANDARD battery charging time with external charger (400V)	1 h
OPTIONAL battery charging time (220V)	11 h
OPTIONAL battery charging time (400V)	3,5 h
OPTIONAL battery charging time with external charger (400V)	2 h
ON-BOARD Charger Compatibility	110V-220V-400V-IEC 61851 mode 2 and 3 with socket type 2
ON-BOARD charger power (220V)	3.3 kW
ON-BOARD charger power (400V)	6.6 kW
Optional EXTERNAL charger power	18 kW

TRANSMISSION	
Vehicle model	APOLLO-e 26.6
Transmission type	Single-speed Electric
Reversal	N.A.
Drive mode	ECO-NORMAL-POWER

DIFFERENTIAL AXLES	
Vehicle model	APOLLO-e 26.6
Type of axles	2 steering, with 4 epicycloidal reduction gears
Type of steering	4 wheels / transversal / 2 wheels
Front axle	Rigid
Rear axle	Swinging
Service braking	Oil bath on front axle
Parking braking	Negative actuation with electrical control

HYDRAULIC SYSTEM

Vehicle model	APOLLO-e 26.6
Hydraulic pump type	Gear pump Low Noise for power steering and movements
Hydraulic pump capacity	62 l/min (16.4 gal/min)
Max. operating pressure	23 MPa (3336 psi)
Distributor control	Electrically operated proportional 4in1 joystick
Distributor type	Single-lever proportional hydraulic with simultaneous controls and ALS system

FILLING

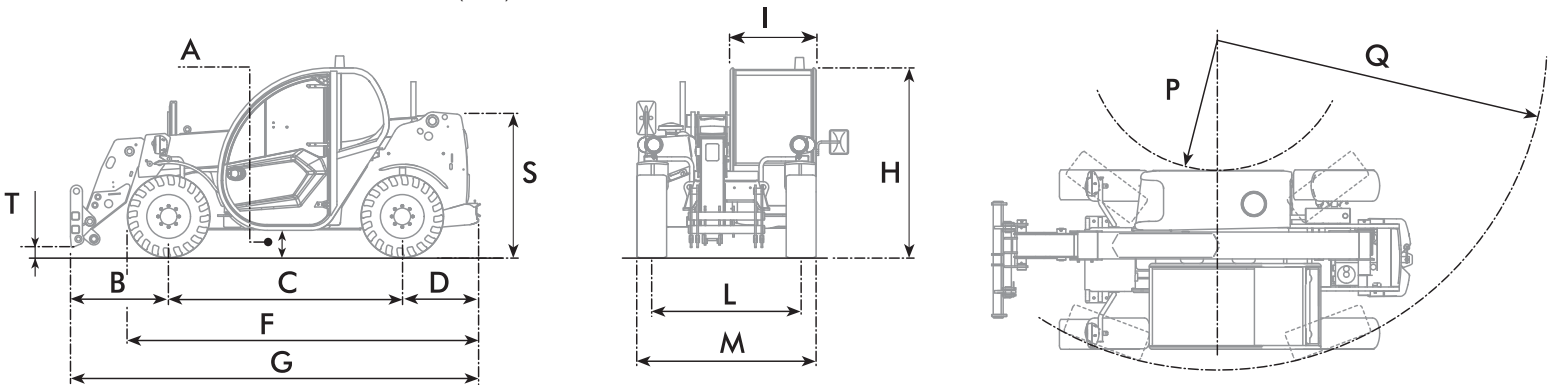
Vehicle model	APOLLO-e 26.6
Hydraulic system (total)	60 l (15.85 gal)

TYRES

Vehicle model	APOLLO-e 26.6
Standard tires	12.0/75-18

DIMENSIONS

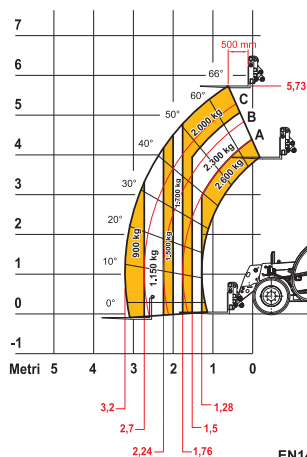
Vehicle model	APOLLO-e 26.6
A	300 mm (11,8 in)
B	985 mm (38.8 in)
C	2350 mm (92.5 in)
D	760 mm (29.9 in)
F	3585 mm (141.1 in)
G	4100 mm (161.4 in)
H	1980 mm (78.0 in)
I	860 mm (33.9 in)
L	1500 mm (59.1 in)
M	1860 mm (73.2 in)
P	1290 mm (50,8 in)
Q	3400 mm (133.9 in)
S	1485 mm (58.5 in)
T	110 mm (4.3 in)



MAX
2600 kg



DOCID0000822



EN1459-1 ANNEX B



26.6