



NISSAN E-5500

3600 watt engine with automatic
charge control and SCR motor
control for quiet operation.

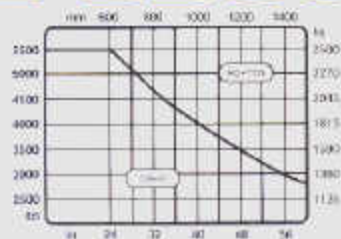
- A combination of quiet electric power with gas engine performance.
- A single lift/tilt control lever simplifies operation.
- A lift-interrupt system prevents overdischarge of the battery, thus extending battery life.
- The steering cylinder rod is protected by a rubber boot to extend service life.
- The power/economy switch permits the conservation of battery energy and facilitates operation in crowded areas.
- A variety of mast types and sizes are available to match your requirements.
- A three-spool valve is standard equipment.
- Service brakes are self-energizing and self-adjusting.
- Precise and reliable SCR travel control.
- Automatically accommodates both 36V and 48V batteries.

Capacity	5500 lbs. @ 24"	2750 kg. @ 500 mm
Service Weight	7495 lbs.	3407 kg.
Length (less forks)	86.6 in.	2200 mm
Height (overhead guard)	83.1 in.	2110.7 mm
Width	43.6 in.	1107 mm
Turning Radius	72.8 in.	1849 mm
Right Angle Stacking *	87.5 in.	2222 mm
Travel Speed		
Empty (36v)	6.5 mph	10.4 km/h
Loaded (36v)	5.9 mph	9.4 km/h
Empty (48v)	8.7 mph	13.9 km/h
Loaded (48v)	7.7 mph	12.3 km/h
Lifting Speed		
Empty (36v)	63 fpm	320 mm/s
Loaded (36v)	47 fpm	239 mm/s
Empty (48v)	78.7 fpm	399.8 mm/s
Loaded (48v)	57 fpm	290 mm/s
Tires		
(drive)	21 x 8 x 15	
(steer)	16 1/4 x 6 x 11 1/4	

* Add load length.



E-5500



Capacities shown are computed with masts in vertical position and apply to trucks with wide-view masts with maximum fork height up to 157." For capacities above 157" on wide-view masts and all triplex masts please contact factory.

NISSAN MOTORS

Traction Motor	Model MT4100
Type	DC Series Wound
Insulation	Class H
Rated output Kw/hp	(1 Hour) 10/1300 (48v)
Hydraulic Pump Motor	Model MP4100
Type	DC Compound Wound
Insulation	Class F
Rated output Kw/hp	(15 Minutes) 11/2200 (48v)
Power Steering Pump Motor	Model MP405
Type	DC Compound Wound
Insulation	Class B
Rated output Kw/hp	(1 Hour) 4.5/2900 (48v)

BATTERY SPECIFICATIONS

Compartment Size		Length	Width	Height
		39.13	21.99	23.03
Electrical Specification	Volts	Plates	Max Kw/h	Max AH
	36	23	32.6	935
Optional	48	11	21.7	680
Weight	Minimum 2536		Maximum 3072	

STANDARD MAST SIZES**

Mast Type	MFH		OHL		FL	
Wide-View	104 in	2642 mm	71 in	1803 mm	4.1 in	104 mm
	126 in	3251 mm	83 in	2108 mm	4.1 in	104 mm
	145 in	3683 mm	93 in	2362 mm	4.1 in	104 mm
	157 in	3988 mm	100 in	2540 mm	4.1 in	104 mm
	177 in	4496 mm	110 in	2794 mm	4.1 in	104 mm
Duplex	197 in	5004 mm	120 in	3048 mm	4.1 in	104 mm
	98 in	2489 mm	67 in	1702 mm	44 in	1118 mm
	106 in	2692 mm	71 in	1803 mm	48 in	1219 mm
Triplex	130 in	3302 mm	83 in	2108 mm	60 in	1524 mm
	152 in	3881 mm	71 in	1803 mm	47 in	1194 mm
	169 in	4290 mm	77 in	1956 mm	64 in	1627 mm
	187 in	4760 mm	83 in	2108 mm	60 in	1524 mm
	203 in	5156 mm	88 in	2235 mm	65 in	1651 mm
	217 in	5512 mm	93 in	2362 mm	70 in	1778 mm
	236 in	5994 mm	101 in	2565 mm	78 in	1981 mm



**Other lift heights available

Nissan Forklifts meet or exceed all ANSI B56.1 Safety Standards for Powered Industrial Trucks and Underwriters Laboratories type "ES" specifications. Optional accessories include headlights, tail and stop lights, flashing lights and audible alarms.

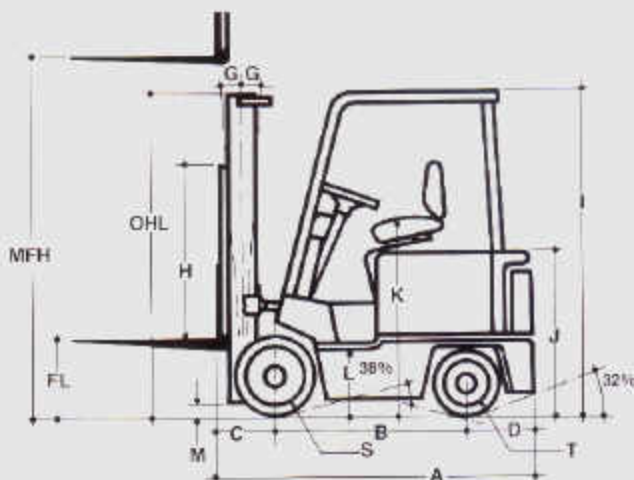
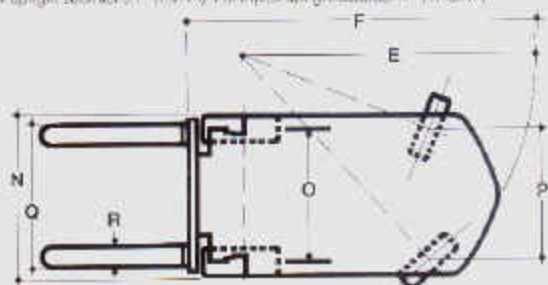
PERFORMANCE SPECIFICATIONS

	36v		48v	
	rpm	mm/s	rpm	mm/s
Lift speed (empty)	63	320	78.7	399.6
Lift speed (rated load)	47	239.7	57	290
Lowering speed (empty)	98.4	500	98.4	500
Lowering speed (rated load)	98.4	500	98.4	500
Travel speed (empty) (+10%)	6.5 mph	10.4 km/h	8.7 mph	13.9 km/h
Travel speed (rated load) (+10%)	5.9 mph	9.4 km/h	7.6 mph	12.3 km/h
Grazeability (empty)	20%			
Grazeability (rated load)	12%			

DIMENSIONAL SPECIFICATIONS

A. Length (less forks)	86.6 in	2200 mm
B. Wheel base	47.2 in	1198.8 mm
C. Front overhang*	17.7 in	449.6 mm
D. Rear overhang	20.7 in	525.8 mm
E. Minimum outside turning radius	72.8 in	1849 mm
F. Right angle stacking (add load length)†	67.5 in	2222 mm
G. Tilting (F) degrees	5°/10°	5°/10°
H. Height, load backrest (seat)	49.6 in	1259.6 mm
I. Height, overhead guard	83.1 in	2110.7 mm
J. Height, counter weight	40.9 in	1038.8 mm
K. Height, seat	43.3 in	1099.8 mm
L. Height, stop	17.75 in	450.8 mm
M. Mast under clearance	3.1 in	78.7 mm
N. Overall width	43.6 in	1107 mm
O. Drive tread	34.1 in	866.1 mm
P. Steer tread	32.9 in	838 mm
Q. Carriage width (max. 30% spread)	38.5 in	978 mm
R. Fork size (per Class 1)	2 x 5	
S. Deck size	21 x 8 x 15	
T. Spool tire	16 1/2 x 8 x 11 1/2	

*For duplex upright subtract 3.1" (79mm). For triplex upright subtract 7.7" (195mm).



The performance shown represents nominal values which may be obtained under normal operating conditions of machine. Nissan products and specifications are subject to improvements without notice.

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