

SND 30

Characteristics

Capacity (Q) [rated load]	3 ton
Load Center (C) [distance from front face of forks]	500 mm
Power Type [battery , diesel , LPG, gasoline]	Diesel
Control Type [pedestrian,stand,sit]	Sit
Tyres [S-solid;L-pneumatic front/rear]	L/L(S/S)
Wheels(x=drive wheel)[number front/rear]	2X/2

Dimensions

Lift (h3)[lift]	3300 mm
Lift (h5)[Extended free lift]	mm
Carriage [according to Din 15173 A/B/No]	3A
Fork Size (e/S/l) [(e)width ,(S)thickness , (l)length]	100*45*1200 mm
Tilt Angle (α/β)[mast forward/mast backward (degree)]	5/10 °
Overall Dimensions (L2)[length to front face of forks]	2745 mm
Overall Dimensions (B)[Width]	1190 mm
Overall Dimensions(h1) [height,mast lowered]	2400 mm
Overall Dimensions(h4) [height mast Extended]	4050 mm
Overall Dimensions(h6)[height,including overhead guard]	2200 mm
Overall Dimensions(h7)[seat height]	1160 mm
Turning Radius(Wa) [outer]	2470 mm
Load Center Distance(X) [from center of front axle to front face of forks]	510 mm
Aisle Width(Ast)[with pallets 800×1200,1000×1200]	4378 mm

Performance

Speeds(V) [Travel Speed,laden/unladen]	20/20 km/h
Speeds [lift speed,laden/unladen]	0.35/0.45 m/sec
Speeds [lowering speed,laden/unladen]	0.5max/0.3min m/sec
Gradeability[laden/unladen]	22.5 %

Weight

Total Weight(unladen)[including battery]	4700 kg
Axle Loadings [laden front/rear]	6820/880 kg
Axle Loadings [unladen front/rear]	2420/2280 kg

Wheel and Tyres

Tyres [number front/rear]	2/2
Tyres [size front]	8.15-15 mm
Tyres [size rear]	6.5-10 mm
Wheelbase (Y)	1760 mm
Track width [wheel center line front/rear]	991/961 mm
Ground Clearance (m1) [at lowest point]	120 mm
Ground Clearance (m2) [center of wheelbase laden]	170 mm
Service Brake[mec,hyd,electr,pneum]	Hyd
Parking Brake[foot/hand/hyd]	Hand

Drive Unit and Transmission

Battery Equipment[type]	starter V/Ah
Battery Equipment[capacity(5hr.rate)]	12/120 kg
Battery Equipment[Weight]	45
Internal Combustion Engine(I.C.E.)[manufacturer/type]	motorsazan/4.236
Internal Combustion Engine(I.C.E.) [max. power]	59 kw
Internal Combustion Engine(I.C.E.) [max.speed]	2600 rpm
Internal Combustion Engine(I.C.E.) [max. torque]	256 Nm
Internal Combustion Engine(I.C.E.)[speed at max. couple]	1400 rpm
Internal Combustion Engine(I.C.E.)[cyl/cycle/disp]	3860/04/04 (no/no/cm3)
Internal Combustion Engine(I.C.E.)[specific consumption(fuel)]	247 g/kw.h
Internal Combustion Engine(I.C.E.)[weight]	257 kg
Transmission [speed(forward/backward)]	1/1
Transmission [type]	Hydrodynamic
Clutch [clutch coupling type]	hydro transform
Service Pressure [for attachments]	175 bar

