



Planet Series 435 - 440

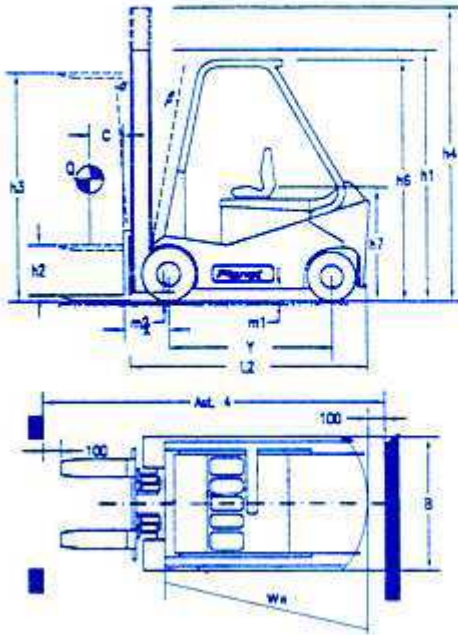
| | | | | Nuova C.T.C. s.r.l. | | | |
|-------------------|---------------|--------------------------|--------------------------------|--|-----------|-------------|-------------|
| features | 01 | Manufacturer | | | | | |
| | 02 | Model | | PL435 | PL440 | | |
| | 03 | Capacity | Q | Rated load | Kg | 3500 | 4000 |
| | 04 | Load centre | C | Distance | mm | 500 | 500 |
| | 05 | Motor type | | Electric (Battery) | | ELECTRIC | ELECTRIC |
| | 06 | Driving position | | Operator: standing - sitting - walking | | SITTING | SITTING |
| | 07 | Tyres | | C=Cushion SE=Superelast. P=Pneumatic | | P.S.C./C. | P.S.C./C. |
| | 08 | Wheels (X=drive wheel) | | Number front / rear | | 2X/2 | 2X/2 |
| dimensions | 09 | Lifting with duplex mast | h3 | Standard lifting | mm | 3300 | 3300 |
| | 10 | | h2 | Normal free lift | mm | 150 | 150 |
| | 11 | | h5 | Full free lift | mm | / | / |
| | 12 | Standard forks | | Length x Width x Thickness - L x b x s | mm | 150X50X1000 | 150X50X1000 |
| | 13 | Forks carrier | | FEM rules complying | | FEM III A | FEM III A |
| | 14 | Tilting | | Forward (α) / Backwards (β) | incl.° | 3°/8° | 3°/8° |
| | 15 | Dimensions | L2 | Overall length w/out forks | mm | 2420 | 2420 |
| | 16 | | B | Overall width | mm | 1260/1600 | 1260/1600 |
| | 17 | | h1 | Min. height with closed mast | mm | 2345 | 2345 |
| | 18 | | h4 | Max. height with raised mast | mm | 3950 | 3950 |
| | 19 | | h6 | Height of headguard | mm | 2060 | 2060 |
| | 20 | | h7 | Height of the seat | mm | 1000 | 1000 |
| | 21 | Turning radius | Wa | Outer | mm | 2550 | 2550 |
| 22 | Load distance | X | From forks to front wheel axle | mm | 480 | 480 | |
| 23 | Gangway width | Ast.4 | Pallets 800x1200 / 1200x1200 | mm | 4030/4430 | 4030/4430 | |
| perform. | 24 | Stability | | FEM rules | | YES | YES |
| | 25 | Drive speed | | With / without load | Km/h | 12/14 | 12/14 |
| | 26 | Lifting speed | | With / without load | m/s | 0.30/0.35 | 0.30/0.35 |
| | 27 | Lowering speed | | With / without load | m/s | 0.50/0.40 | 0.50/0.40 |
| | 28 | Max. towing capacity | | Without load | Kg | 1100 | 1100 |
| | 29 | Max. gradeability | | With / without load | % | 14/17 | 14/17 |
| wgt | 30 | Weight with battery | | Standard lifting | Kg | 5330 | 5870 |
| | 31 | Axle load - laden | | Front / rear axle | Kg | 8067/763 | 8999/871 |
| | | Axle load - unladen | | Front / rear axle | Kg | 2450/2880 | 2580/3290 |
| chassis | 32 | Wheels | | Number: front / rear | N. | 2/2 | 2/2 |
| | 33 | | | Size: front | | 23X10x12 | 23X10x12 |
| | 34 | | | Size: rear | | 18X7X8 | 18X7X8 |
| | 35 | Wheel base | Y | | mm | 1620 | 1620 |
| | 36 | Track | | Front wheels centre | mm | 1060 | 1060 |
| | 37 | Ground clearance | | Minimum | mm | 120 | 120 |
| | 38 | | | Wheel base centre | mm | 120 | 120 |
| | 39 | Brakes | | Pedal service brake | | HYDRAULIC | HYDRAULIC |
| 40 | | | Hand parking brake | | MECHANIC | MECHANIC | |
| drive unit | 41 | Battery | | Type | | TUBULAR | TUBULAR |
| | 42 | | | Tension / capacity | V/Ah | 80/520 | 80/520 |
| | 43 | | | Minimum weight | Kg | 1540 | 1540 |
| | 44 | Electric motors | | Traction, S2 power | KW | 12 | 12 |
| | 45 | | | Lifting, S3 25% power | KW | 12 | 12 |
| | 46 | Steering | | Type | | HYDRAULIC | HYDRAULIC |
| | 47 | Transmission | | Type | | MOSFET | MOSFET |
| | 48 | Hydraulic system | | Max. pressure | bar | 150 | 150 |

ETC

Planet Series

435 - 440

MAST OVERALL DIMENSIONS



| TYPE OF MAST | H3 | H1 | H2 | H4 |
|-------------------------------|------|------|------|------|
| DUPLEX FULL VISIBILITY | 3300 | 2345 | 150 | 3950 |
| | 3600 | 2470 | 150 | 4200 |
| | 4000 | 2720 | 150 | 4700 |
| | 4500 | 2910 | 150 | 5080 |
| DUPLEX FULL FREE LIFT | 5000 | 3200 | 150 | 5650 |
| | 2900 | 2110 | 1390 | 3610 |
| | 3300 | 2330 | 1620 | 4040 |
| | 3600 | 2480 | 1770 | 4340 |
| TRIPLEX FULL FREE LIFT | 4000 | 2700 | 1990 | 4790 |
| | 4400 | 2110 | 1390 | 5070 |
| | 4800 | 2260 | 1540 | 5470 |
| | 5200 | 2410 | 1690 | 5870 |
| | 5600 | 2560 | 1840 | 6270 |
| | 6000 | 2710 | 1990 | 6670 |

Planet 435 - REST CAPACITY

| load centre (mm) | duplex full visibility - duplex full free lift mast | | | | | | triplex full free lift mast | | | | |
|------------------|---|------|------|------|------|------|-----------------------------|------|------|------|------|
| | 2900 | 3300 | 3600 | 4000 | 4500 | 5000 | 4400 | 4800 | 5200 | 5600 | 6000 |
| 500 | 3500 | 3500 | 3450 | 3400 | 3300 | 3200 | 3250 | 3180 | 3100 | 2480 | 2350 |
| 600 | 3180 | 3180 | 3130 | 3080 | 2980 | 2880 | 2950 | 2890 | 2820 | 2250 | 2130 |
| 750 | 2780 | 2780 | 2730 | 2680 | 2600 | 2530 | 2600 | 2550 | 2480 | 1990 | 1880 |
| 1000 | 2300 | 2300 | 2250 | 2200 | 2180 | 2100 | 2170 | 2120 | 2075 | 1650 | 1570 |

Planet 440 - REST CAPACITY

| load centre (mm) | duplex full visibility - duplex full free lift mast | | | | | | triplex full free lift mast | | | | |
|------------------|---|------|------|------|------|------|-----------------------------|------|------|------|------|
| | 2900 | 3300 | 3600 | 4000 | 4500 | 5000 | 4400 | 4800 | 5200 | 5600 | 6000 |
| 500 | 4000 | 4000 | 3950 | 3900 | 3800 | 3700 | 3750 | 3680 | 3600 | 3470 | 3350 |
| 600 | 3630 | 3630 | 3580 | 3530 | 3450 | 3350 | 3410 | 3340 | 3270 | 3150 | 3040 |
| 750 | 3180 | 3180 | 3150 | 3100 | 3050 | 2950 | 3000 | 2940 | 2880 | 2780 | 2680 |
| 1000 | 2650 | 2650 | 2610 | 2580 | 2510 | 2450 | 2500 | 2460 | 2400 | 2320 | 2240 |

Rest capacity with integrated side shifter = -50 Kg

For modifications and improvements, the above data are not binding.