

HELI • ENGINE POWERED FORKLIFT • CPCD30 & CPQYD30



STANDARD SPECIFICATIONS

| | | CPCD30 | CPQYD30 |
|--|------|-------------------------|-------------------------|
| CHARACTERISTICS | | | |
| Load capacity | kg | 3.000 | 3.000 |
| Load center | mm | 500 | 500 |
| Power | | Diesel | Petrol/LPG |
| Standard lifting height | mm | 3.000 | 3.000 |
| Free lift | mm | 160 | 160 |
| Overall length (with forks) | mm | 3.772 | 3.772 |
| Overall length (to face of forks) | mm | 2.702 | 2.702 |
| Overall height (overhead guard) | mm | 2.090 | 2.090 |
| Overall width | mm | 1.225 | 1.225 |
| Unladen weight | mm | 4.280 | 4.280 |
| WHEELS & TIRES | | | |
| Tire type | | Pneumatic | Pneumatic |
| Tire size front | | 28*9-15-12PR | 28*9-15-12PR |
| Tire size rear | | 6.50-10-10PR | 6.50-10-10PR |
| Number of wheels (X=driven) front/rear | | 2x/2 | 2x/2 |
| Wheel base | mm | 1.700 | 1.700 |
| PERFORMANCE | | | |
| Inner/outer turning radius | mm | 200/2.400 | 200/2.400 |
| Travel speed (fwd/rvs) with/without load | km/h | 18/19 | 18/19 |
| Lifting speed with/without load | mm/s | 440/480 | 450/480 |
| Lowering speed with/without load | mm/s | 450/500 | 450/500 |
| Drawbar pull with/without load | kg | 1.600/980 | 1.500/1.000 |
| Gradeability with/without load | % | 19/20 | 18/20 |
| BRAKES | | | |
| Service brake | | hydraulic - foot pedal | hydraulic - foot pedal |
| Parking brake | | mechanical - hand lever | mechanical - hand lever |
| TRANSMISSION | | | |
| Type | | 1-1 Power shift T/M | 1-1 Power shift T/M |
| | | 2-2 Manual shift T/M | 2-2 Manual shift T/M |



• low consumption engines •



• superior steering axle •



• Clear digital instruments •

OPTIONAL EQUIPMENT & ACCESSORY

length of forks, solid tires, customized color, cabin, side shift, ...

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ENGINES CPCD30 & CPQYD30

| ENGINES CPCD30 | | CHINA JMC493 | ISUZU 4JG2 | ISUZU C240 | KUBOTA V2403 | KUBOTA V3600 |
|---------------------|---------------|-------------------|-------------------|---------------------|-------------------|-------------------|
| Power type | | Diesel | Diesel | Diesel | Diesel | Diesel |
| Rated horsepower | kW(Ps)/rpm | 62 Kw/2.000 rpm | 44,8 Kw/2.450 rpm | 34,5 Kw/2.500 rpm | 36,5 Kw/2.600 rpm | 46,9 Kw/2.400 rpm |
| Rated torque | N.m(kg.m)/rpm | 190 N.m/2.000 rpm | 199 N.m/1.800 rpm | 139,9 N.m/1.800 rpm | 160 N.m/1.700 rpm | 210 N.m/1.600 rpm |
| Number of cylinders | | 4 | 4 | 4 | 4 | 4 |
| Displacement | cm³ | 2.771 | 3.059 | 2.369 | 2.434 | 3.620 |
| Fuel tank capacity | L | 60 | 60 | 60 | 60 | 60 |

| ENGINE CPQYD30 | | NISSAN K21 | NISSAN K25 |
|---------------------|-----------------|---------------------|---------------------|
| Power type | | Petrol/LPG | Petrol/LPG |
| Rated horsepower | kW(Ps)/r.p.m | 31,2 Kw/ 2.250 rpm | 37,6 Kw/ 2.400 rpm |
| Rated torque | N.m(kg.m)/r.p.m | 143,7 N.m/1.600 rpm | 176,5 N.m/1.600 rpm |
| Number of cylinders | | 4 | 4 |
| Displacement | cm³ | 2.065 | 2.488 |
| Fuel tank capacity | L | 60 | 60 |

MAST DIMENSIONS CPCD30 & CPQYD30 (not exhaustive)

| Lifting height | DUPLEX MAST | | Lifting height | DUPLEX MAST FULL FREE | |
|----------------|----------------|-----------|----------------|-----------------------|-----------|
| | Lowered height | Free lift | | Lowered height | Free lift |
| 3.000 mm | 2.065 mm | / | 3.000 mm | 2.070 mm | 850 mm |
| 3.500 mm | 2.315 mm | / | 3.500 mm | 2.320 mm | 1.100 mm |
| 4.000 mm | 2.615 mm | / | 4.000 mm | 2.620 mm | 1.400 mm |
| 4.500 mm | 2.865 mm | / | 4.500 mm | 2.870 mm | 1.650 mm |
| 5.000 mm | 3.115 mm | / | 5.000 mm | 3.120 mm | 1.920 mm |
| 5.500 mm | 3.415 mm | / | 5.500 mm | 3.420 mm | 2.200 mm |
| 6.000 mm | 3.665 mm | / | 6.000 mm | 3.670 mm | 2.450 mm |

| Lifting height | TRIPLEX MAST | |
|----------------|----------------|-----------|
| | Lowered height | Free lift |
| 3.600 mm | 1.946 mm | 670 mm |
| 4.000 mm | 2.065 mm | 795 mm |
| 4.500 mm | 2.240 mm | 970 mm |
| 4700 mm | 2.240 mm | 970 mm |
| 5.000 mm | 2.340 mm | 1.070 mm |
| 5.400 mm | 2.565 mm | 1.295 mm |
| 6.000 mm | 2.790 mm | 1.520 mm |