TAVOL

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# 山东泰沃机械设备有限公司
Shandong Tavol Machinery Co.,Ltd

# 企业简介

# COMPANY PROFILES

创始于2011年，公司位于山东省泰安市泰山区长城路46号，隶属于山东泰沃机械集团有限公司，主要从事于投融资活动及销售泰沃公司、下属工厂及投资控股公司所生产制造的物料搬运机械、工程机械和农业机械等机械设备产品，泰沃产品已经远销世界100多个国家和地区，并获得了马德里国际商标，在东南亚、南美及东欧等地有很高的品牌知名度。

山东泰沃重工有限公司是一个助力您事业步步升高的中国物料搬运制造厂家，已经荣获和取得国家级高新技术企业，山东省专特精新企业，CE欧盟认证等荣誉和资质。泰沃重工坐落于泰安市国家高新技术开发区，主要设计，生产、制造、销售，物料搬运设备包括柴油叉车、新能源电动叉车、双燃料叉车等。

Build in 2011, Address in No. 46, Changcheng Road, Taishan District, Tai'an City, Shandong Province,China. Belongs to Shandong Tavol Group Co.,Ltd, Mainly Engaged in Investment and Financing Activities, And Sells Material Handling, Engineering and Agricultural Machinery Etc. Tavol Products have been Exported to More than 100 Countries and Regions in the World, and Have Obtained the Madrid International Trademark, and have a High Brand Awareness in Most Southeast Asia,South America and Eastern Europe Countries.

Shandong Tavol Heavy Industry Co.,Ltd is a Chinese Material Handling Equipment Manufacturer that Helps your Business Grow Step by Step. It Has Won and Obtained Honors and Qualifications Such as National High-tech Enterprise,Shandong Province Specialization and Special New Enterprise,CE EU Certification, etc .It is Located in the National High-tech Development Zone of Tai'an City.Mainly Designs,Manufactures,Sells,Material Handling equipment,including Diesel Forklift,Electric Forklift,Dual Fuel Forklift etc.






## • 生产流程 PRODUCTION AND PROCESSING



CNC Plasma Cutting



CNC Bending



Machining



Welding



Painting



Engine and Gearbox Assembly



Forklift Frame Assembly



Mast Assembly



Final Test

## • 公司资质 COMPANY QUALIFICATIONS




CE CERTIFICATE




BUSINESS LICENSE




MADRID INTERNATIONAL BRAND

# • 柴油叉车 DIESEL FORKLIFT






Quanchai/Xinchai brand diesel engine,in-line 4-cylinder water-cooled,4 stroke,rated power 36.8kw.strong power,high reliability,to meet the use of high-road conditions;The whole machine has high reliability and stable quality,ensuring a long service life.

As for the gearbox, Zhongchai hydraulic transmission gearbox, the first domestic brand, is selected. The transmission of the hydraulic transmission gearbox is more stable, the shifting is lighter and more flexible, and the driving is light and comfortable. work intensity



# • 基本参数 SPECIFICATION

| Model | CPC20/ CPCD20 | CPC25/ CPCD25 | CPC30/ CPCD30 | CPC35/ CPCD35 | CPC40/ CPCD40 | CPCD50 |
|---|---|---|---|---|---|---|
| Rated Loading Capacity(kg) | 2000 | 2500 | 3000 | 3500 | 4000 | 5000 |
| Load Center Distance(mm) | 500 | 500 | 500 | 500 | 500 | 500 |
| Max Lifting Speed (Full load)(mm/s) | 450 | 450 | 400 | 400 | 390 | 375 |
| Max Driving Speed (Full/Empty load)(km/h) | 18/20 | 18/20 | 18/20 | 18/20 | 18/20 | 20/24 |
| Fork Lifting Height(mm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| Mast Tilt Angle (Forward and Backward) | 6°/12° | 6°/12° | 6°/12° | 6°/12° | 6°/12° | 6°/12° |
| Min. Turning Radius(mm) | 2340 | 2340 | 2440 | 2440 | 2720 | 3000 |
| Min. Ground Clearance(mm) | 110 | 110 | 135 | 135 | 145 | 170 |
| Length (including Fork)(mm) | 3820 | 3820 | 3930 | 3930 | 4100 | 4350 |
| Width(mm) | 1165 | 1165 | 1230 | 1230 | 1230 | 1400 |
| Height From Ground to Overhead Guard(mm) | 2100 | 2100 | 2145 | 2145 | 2115 | 2330 |
| Wheel Base(mm) | 1650 | 1650 | 1700 | 1700 | 1900 | 2150 |
| Front Wheel Track(mm) | 970 | 970 | 1000 | 1000 | 1060 | 1180 |
| Rear Wheel Track(mm) | 970 | 970 | 970 | 970 | 970 | 1190 |
| Front Wheel Tire | 7.00-12 | 7.00-12 | 28*9-15 | 25*9-15 | 250-15 | 300-15 |
| Rear Wheel Tire | 6.00-9 | 6.00-9 | 6.50-10 | 6.50-10 | 6.50-10 | 7.00-12 |
| Self Weight(kg) | 3550 | 3850 | 4250 | 4600 | 4850 | 6800 |
| Standard Fork Length(mm) | 1220 | 1220 | 1220 | 1220 | 1220 | 1220 |
| Engine Rated Power(kw) | 36.8 | 36.8 | 36.8 | 36.8 | 36.8 | 60 |
| Engine Speed at Rated Power(rpm) | 2500 | 2500 | 2500 | 2500 | 2200 | 2400 |
| Engine Maximum Torque(Nm) | 177 | 177 | 177 | 177 | 200 | 300 |
| Engine Speed at Maximum Torque(rpm) | 1700 | 1700 | 1700 | 1700 | 1600 | 2000 |

# • 基本参数 SPECIFICATION

| Model | | CPCD50 | CPCD60 | CPCD70 | CPCD80 |
|---|---|---|---|---|---|
| | | Double front wheels | | | |
| Rated Loading Capacity(kg) | | 5000 | 6000 | 7000 | 8000 |
| Load Center Distance(mm) | | 600 | 600 | 600 | 600 |
| Max Lifting Speed (Full load)(mm/s) | | 500 | 500 | 450 | 350 |
| Max Driving Speed (Full/Empty load)(km/h) | | 22/26 | 22/26 | 22/26 | 26/30 |
| Fork Lifting Height(mm) | | 3000 | 3000 | 3000 | 3000 |
| Mast Tilt Angle (Forward and Backward) | | 6/12 | 6/12 | 6/12 | 6/12 |
| Min. Turning Radius(mm) | | 3250 | 3250 | 3450 | 3700 |
| Min. Ground Clearance(mm) | | 230 | 230 | 230 | 250 |
| Length (Including Fork)(mm) | | 4760 | 4760 | 4800 | 5160 |
| Width(mm) | | 1995 | 1995 | 1995 | 2165 |
| Height From Ground to Overhead Guard(mm) | | 2420 | 2420 | 2420 | 2585 |
| Wheel Base(mm) | | 2250 | 2250 | 2250 | 2500 |
| Wheel Track | Front (mm) | 1470 | 1470 | 1470 | 1600 |
| | Rear (mm) | 1700 | 1700 | 1700 | 1700 |
| Tires | Front (mm) | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR | 9.00-20-14PR |
| | Rear (mm) | 8.25-15-14PR | 8.25-15-14PR | 8.25-15-14PR | 9.00-20-14PR |
| Self Weight(kg) | | 8200 | 8640 | 9500 | 10960 |
| Standard Fork Length(mm) | | 1220 | 1220 | 1220 | 1220 |
| Engine Rated Power(kw) | | 85 | 85 | 85 | 85 |
| Engine Speed At Rated Power (rmp) | | 2200 | 2200 | 2200 | 2200 |
| Engine Maximum Torque(Nm) | | 500 | 500 | 500 | 500 |
| Engine Speed At Maximum Torque(rpm) | | 1650 | 1650 | 1650 | 1650 |

## • 选配 OPTIONAL

1.Quanchai/Xinchai brand engine,optional Japanese Isuzu, Mitsubishi engine etc;

2.Mechanical and Automatic transmission can be choosen.

3.Standard 2-stages 3000mm mast, optional 3-stages 4500mm -6000mm mast;

4.Standard 1220mm fork, optional 1370mm, 1520mm, 1670mm and1820mm forks;

5.Optional side shifter, fork positioner and other attachments;

6.Standard pneumatic tire, optional solid tire,double front wheels.



Chinese Quanchai brand engine



Japanese Isuzu Engine



Japanese Mitsubishi Engine



2 stages mast



2 stages full free mast



3 stages full free mast

## • 选配 OPTIONAL



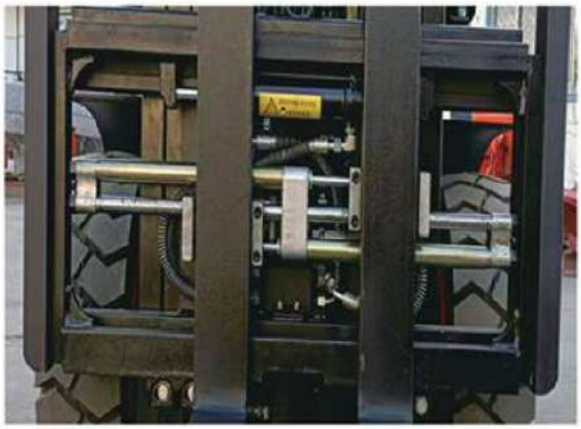
Hydraulic transmission



Mechanical transmission



Side shift



Side shift and fork positioner



Solid tire



Double front wheels

# • 电动叉车 ELECTRIC FORKLIFT




## DETAIL PICTURE



Durable lead acid battery,working long time and meeting different conditions.Optional lead acid maintenance-free battery,avoid frequent filling distilled water,easy to use and maintain.



Lithium battery,fast charging,lightweight, large capacity, longer battery life, better durability.



Famous brand Controller,Easy to program, control ability greatly enhanced.

# • 电动叉车 ELECTRIC FORKLIFT

**外型 (Appearance)**

采用大圆弧流线型曲面造型，外形美观、流线型强。

Large arc streamlined surface shape,beautiful appearance and strong streamlined shape.

**舒适性 (comfort)**

根据人机工程学设计的操纵手柄移到座椅附近使得操作更舒适，新式组合集成式仪表，功能齐全，阅读直观。

采用优化设计宽视野门架，不易挡住操作者视线。

根据人机工程学设计的倾角可调式小直径方向盘，驾驶员手感好，座椅同时可以前后调节150mm范围，操作者可以选择舒适驾驶位置。

静音、无污染、节能等优点符合环保要求。

Joystick is moved to the vicinity of the seat to make the operation more comfortable.The new combined integrated instrument has complete functions and intuitive reading.

Optimized design of the wide-view mast is adopted,which is not easy to block the operator's sight.Tilt-adjustable small-diameter steering wheel designed according to ergonomics makes the driver feel good, and the seat can be adjusted back and forth by 150mm, so that the operator can choose a comfortable driving position.

The advantages of quietness, no pollution, energy saving etc, meet the requirements of environmental protection.

**可靠性、安全性 (reliability, security)**

新型大屏幕LED仪表，可视性佳，阅读直观，人机交互界面友善。

紧急断电开关作为标准配置，符合欧洲安全标准。

New large-screen LED instrument has good visibility, intuitive reading, and friendly human-computer interaction interface.

An emergency power off switch is fitted as standard and complies with European safety standards.

# • 基本参数 SPECIFICATION

| Model | FB10 | FB15 | FB20 | FB25 | FB30 | FB35 |
|---|---|---|---|---|---|---|
| Rated Loading Capacity(kg) | 1000 | 1500 | 2000 | 2500 | 3000 | 3500 |
| Load Center Distance(mm) | 500 | 500 | 500 | 500 | 500 | 500 |
| Wheel Base(mm) | 1330 | 1550 | 1550 | 1550 | 1700 | 1700 |
| Wheel Track(front/rear) (mm) | 910/865 | 945/880 | 945/880 | 945/880 | 1000/970 | 1000/970 |
| Mast Tilt Angle (Forward and Backward) | 5/10 | 5/10 | 5/10 | 5/10 | 6/12 | 6/12 |
| Fork Lifting Height(mm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| Height From Ground to Overhead Guard(mm) | 1847 | 2110 | 2110 | 2110 | 2105 | 2105 |
| Length (Including Fork)(mm) | 3050 | 3150 | 3300 | 3400 | 4120 | 4120 |
| Width(mm) | 1020 | 1096 | 1096 | 1096 | 1230 | 1230 |
| Min. Ground Clearance(mm) | 77 | 88 | 88 | 88 | 135 | 135 |
| Min. Turning Radius(mm) | 2050 | 2280 | 2280 | 2280 | 2530 | 2530 |
| Standard Fork Length(mm) | 1070 | 1070 | 1070 | 1070 | 1220 | 1220 |
| Max Driving Speed (Empty/Full load)(km/h) | 14/12 | 14/12 | 14/12 | 14/12 | 16/15 | 16/15 |
| Weight(kg) | 1800 | 2650 | 2850 | 3200 | 4400 | 4650 |
| Tires（front/rear） | 15*4 1/2-8 | 18&7-10 15*4 2/1-8 | 18&7-10 15*4 2/1-8 | 18&7-10 15*4 2/1-8 | 28*9-15-14 /6.50-10-10 | 28*9-15-14 /6.50-10-10 |
| Drive motor power（kw) | 4 | 4 | 5 | 6 | 15 | 15 |
| Lifting motor power(kw) | 4.5 | 5 | 5 | 7.5 | 16 | 16 |

# 双燃料叉车 DUAL FUEL FORKLIFT (LPG AND GASOLINE FORKLIFT,2TON TO 4TON)






World famous Japanese Nissan K25 engine, powerful, low emissions, low fuel consumption and low noise.



American IMPCO system, high reliability, good security and strong power.

# • 基本参数 SPECIFICATION

| Model | CPQYD20 | CPQYD25 | CPQYD30 | CPQYD35 | CPQYD40 |
|---|---|---|---|---|---|
| Rated Loading Capacity(kg) | 2000 | 2500 | 3000 | 3500 | 4000 |
| Load Center Distance(mm) | 500 | 500 | 500 | 500 | 500 |
| Max Lifting Speed (Full load)(mm/sec) | 400 | 400 | 470 | 470 | 390 |
| Max Driving Speed (Full/Empty load)(km/h) | 17/19 | 17/19 | 18/20 | 18/20 | 18/20 |
| Fork Lifting Height(mm) | 3000 | 3000 | 3000 | 3000 | 3000 |
| Mast Tilt Angle (Forward and Backward) | 6°/12° | 6°/12° | 6°/12° | 6°/12° | 6°/12° |
| Min. Turning Radius(mm) | 2450 | 2450 | 2530 | 2530 | 2720 |
| Min. Ground Clearance(mm) | 110 | 110 | 135 | 135 | 145 |
| Length (including Fork)(mm) | 3720 | 3720 | 3970 | 3970 | 4100 |
| Width(mm) | 1160 | 1160 | 1230 | 1230 | 1230 |
| Height From Ground to Overhead Guard(mm) | 2095 | 2095 | 2110 | 2110 | 2115 |
| Wheel Base(mm) | 1640 | 1640 | 1775 | 1775 | 1900 |
| Front Wheel Track(mm) | 970 | 970 | 1000 | 1000 | 1060 |
| Rear Wheel Track(mm) | 970 | 970 | 970 | 970 | 970 |
| Front Wheel Tire | 7.00-12 | 7.00-12 | 28*9-15 | 25*9-15 | 250-15 |
| Rear Wheel Tire | 6.00-9 | 6.00-9 | 6.50-10 | 6.50-10 | 6.50-10 |
| Self Weight(kg) | 3470 | 3750 | 4120 | 4490 | 4850 |
| Standard Fork Length(mm) | 1220 | 1220 | 1220 | 1220 | 1220 |
| Engine Rated Power(kw) | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 |
| Engine Speed at Rated Power(rpm) | 2300 | 2300 | 2300 | 2300 | 2300 |
| Engine Maximum Torque(Nm) | 176.5 | 176.5 | 176.5 | 176.5 | 176.5 |
| Engine Speed at Maximum Torque(rpm) | 1600 | 1600 | 1600 | 1600 | 1600 |

# • FORKLIFT ATTACHMENT



Bale Clamp



Paper Roll Clamp



Single Double
Pallet Handlers



Hydraulic Bucket



Hinged Fork



Rotator



side shifter



hinged fork



side shifter
fork positioner



single double
pallet handlers



steel pipe clamp



carton clamp



block clamp



paper roll clamp



bale clamp



rotator



fork clamp



foam clamp



drum clamp



inverta load pusher



tobacco bale clamp



tri lateral head unit

# • 常备库存 PRODUCTS IN STOCK

工厂常年备有库存，可保证收到定金后7天内交货。

They All have the Complete Machine Standing Stock, We can Guarantee the Delivery with 7 days Once the Order Confirmed.

