



Diesel & LPG

Forklifts

CE ISO 9001



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Forklifts ▶

The New Range of Artison Counterbalanced Forklift Trucks are guaranteed to offer a perfect combination of Value for Money, Inbuilt Quality, Robustness, Reliability and innovative designs.

The Manufacturer, based in Taiwan, enjoys the position of being a Hi-Tech manufacturer of Precision CNC Machinery, OEM narrow aisle warehouse equipment and Forklift trucks. Having such a precision build factory ensures the proven design & reliability of technical innovations such as Solenoid Auto Transmissions fitted with oil coolers ensure the trucks are more than able to cope with the most arduous operating conditions.

The Range includes trucks from 1500Kg to 5000Kg with lift height available up to 6000mm. The range of power derivatives are LPG, Diesel and Battery (DC & AC options).

Quality is a major reason why the Artison Forklift trucks have grown in popularity across Europe. The Factory has attained BVQI London accreditation for quality and ensured compliance for ALL models to EN1726:1 1999 "Safety of Industrial trucks up to and including 10000Kg"



All Artison trucks are fully serviceable using a combination of branded parts such as Nissan and Isuzu available from most commercial vehicle outlets and our own stock of OEM parts 93% ex stock and the remainder on a 48 hr service.

We guarantee that once you opt for Artison Forklift Trucks in your workplace, you will be hard pressed to surpass the overall advantages attained and become a loyal partner.

price + quality = VALUE | parts + service = PEACE OF MIND | value + peace of mind = ARTISON

Load Backrest, Lights, Indicators, Adjustable rake steering, Inching pedal, 3rd Hydraulics as standard

Spaciously designed integral chassis with reinforced overhead guard

Ergonomically designed to aid optimum manoeuvrability

Exhaust emission from ballast weight. Upswept exhaust optional

Hydrostatic Power Steering- precise and effortless

Hi Spec OEM electronic powershift transmission.
Fitted with Fan cooled Fluid cooler. No mechanical linkages. Smooth and Responsive

Easily accessible for maintenance...the bonnet catch releases the bonnet and the floor plate is removable without tools

Pneumatic or Puncture proof SE Tyres on Single or Dual options

Auto adjusting brakes to optimise braking

Mast assemblies from European steel.
Duplex Wide View, Full Free lift or Triplex . Lift heights 3000mm to 6000mm



features and benefits



Artison Power Train

The power train is the most important assembly. We only use world class engines such as Isuzu and Nissan which have a proven track record for performance and reliability with spare parts available from almost anywhere. These engines married to our OEM powershift transmission and transaxle ensure optimum operational ability



Automatically Adjusting Drum Brakes

Simple but effective drum brakes which adjust automatically to the continual daily wear. Expansion in the drum is by double acting cylinder.

▶ value + peace of mind = ARTISON

Ease of maintenance



Artisons OEM Electronic Powershift Transmission

The Artison Transmission is manufactured by their own transmission division. As previously mentioned they also manufacture precision CNC machinery too so precision and hardness of the gearing is superlative. The transmissions are assembled and tested in a clean environment. Every transmission is "rig" tested to specific parameters to ensure consistent quality. Indeed we offer a 3year/2000hr warranty.



Artisons Electronic Powershift

Artisons OEM powershift transmission does not employ the out dated mechanical linkage from the bulkhead but now uses a forward-neutral-reverse solenoid operated from the steering column stalk. Less moving parts therefore increased reliability. Also note from the photo it is extremely easy to access this important part.

▶ ARTISON features and benefits



Hydraulic Lift Cylinder Safety Check Valve.

Should there be an occurrence of pipe failure in the lifting circuit then these pressure sensitive valves allow the forks to descend slowly in a controlled manner thus affording optimum safety.



Full Hydrostatic Steering

Hydrostatic Steering works by taking off pressurised hydraulic fluid from the pump and pressurising the steering ram at the rear end of the truck. Firstly this minimises the effort required to steer the wheels when stationary and secondly it removes any direct mechanical linkage and therefore reduces the feedback shocks encountered when using the truck on uneven surfaces.



Hydrostatic Steering Pump

This remarkable pump ensures that the hydraulic fluid is sent to the correct side of the steering ram AND it also ensures that when the steering is not being used the hydraulic control system is working to its maximum efficiency!



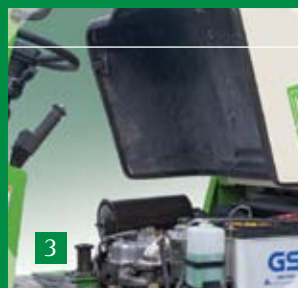
Hydraulic Control System

One large pump with a priority valve that works in conjunction with the hydrostatic steering. Segmented Valves with infinite controllability offering greater operating safety.

value + peace of mind = ARTISON

Fully Integrated Monocoque Chassis.

The chassis is of one piece construction incorporating items such as fuel tank, hydraulic oil tank and overhead guard with integral air intake. This type of fully welded construction maximises the strength and rigidity. Following fabrication the chassis is sandblasted prior to priming and painting. Factory orders can be in any colour desired.



Artison adjusts to operator

- 1: Fully enclosed bulk head.
- 2: The parking brake is easy to apply. The bonnet release is under the dash.
- 3: There is noise suppression under the bonnet. Access for maintenance is quick and easy thanks to the single piece floor plate which is easily removable without any tools!
- 4: Freeview mast assembly affording optimum visibility.
- 5: Streamlined counterweight affording optimum manoeuvrability.
- 6: The multi-function dash panel and the operating stalks are all easy to hand and easy to understand.

New multi-function combo Instrument panel

A large and easy to use multi-functional display is centrally located for ease of vision.

- A: Engine
- B: Hydraulic Oil Temperature
- C: Engine Oil Pressure
- D: Brakes
- E: Neutral Gear
- F: Direction Indicator
- G: Alternator
- H: Work Light
- I: Fuel Gauge
- J: Hour Meter





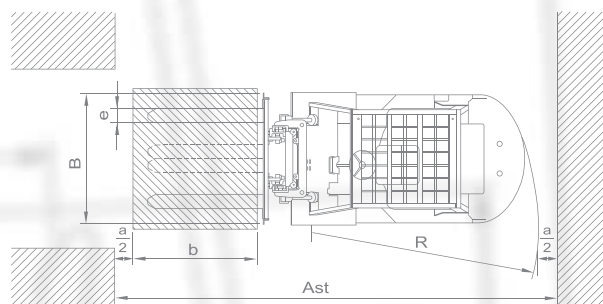
Operator safety handhold
anti-slip footwell



Access from either side



Excellent Vision



a = Clearance (200mm) b = Load Length

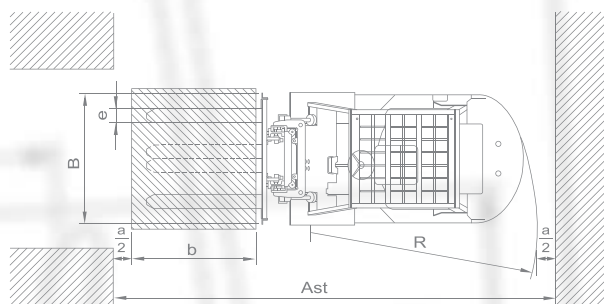
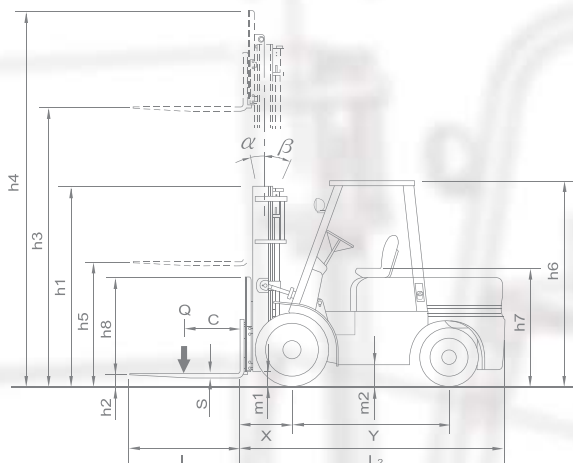
▶ Compact Truck

- Cushion tyres provide low rolling resistance, superior energy efficiency and excellent stability for total application flexibility.
- Extremely compact dimensions ensure tight turning radius.
- Easy on and off access thanks to grab bar, short bonnet and low step height.
- Very quiet, stress-free operation thanks to special sound and vibration suppression techniques.
- Ergonomic design with compact steering wheel, tilting steer column and full hydrostatic steering for easy operation in confined space.



▶ value + peace of mind = **ARTISON**

- Battery electric alternative is also available



$$Ast = x + R + b + a$$

a = Clearance (200mm) b = Load Length

Compact Truck Specifications

ITEMS	MODEL	FG 15C	FG 18C	FG 20C	FG 25C	FG 30C	FG 35C
Capacity	Kg Q	1500	1800	2000	2500	3000	3500
Load Centre	mm C	500	500	500	500	500	500
Overall Width	mm B	965	965	1059	1084	1100	1198
Max Fork Spread	mm	919	919	919	919	968	1151
Front Wheels (o/a width across)	mm	815	815	879	879	894	975
Rear wheel (o/a width across)	mm	825	825	919	919	825	1011
Min. Outside Turning Radius	mm R	1753	1778	1943	1994	2095	2283
O/A Maximum Height	mm h4	4521	4521	4521	4521	4521	4521
Standard Maximum Lift Height	mm h3	3300	3300	3300	3300	3300	3300
Lowered Height Standard Mast	mm h1	2150	2150	2150	2150	2150	2150
Free Lift	mm h5	145	145	150	150	150	160
Load Back Rest Height	mm h8	1220	1220	1220	1220	1220	1220
Fork Length	mm l	1070	1070	1070	1070	1070	1070
Fork Thickness	mm s	35	35	40	40	45	50
Carriage Face to Drive Wheel CL	mm x	376	376	414	414	420	440
Wheelbase	mm y	1199	1199	1399	1399	1399	1549
Overall Length inc Forks	mm L2 + l	3086	3117	3327	3386	3480	3647
Ground Clearance @ Lowest Point	mm m2	109	109	109	109	109	125
Towing Hitch Height	mm	228	228	259	259	259	284
Seat Height	mm h7	1003	1003	998	998	998	1064
Steering Wheel Height	mm U	1405	1405	1425	1425	1425	1460
O/A Overhead guard height	mm h6	1989	1989	2001	2001	2001	2040
Front Tyre	mm	18 x 6 x 12	18 x 6 x 12	21 x 7 x 15	21 x 7 x 15	21 x 7 x 15	22 x 9 x 16
Rear Tyre	mm	14 x 4 x 8	14 x 4 x 8	16 x 5 x 12	16 x 5 x 12	16 x 6 x 11	18 x 6 x 12
90° Stacking Aisle (800mm x1200mm pallet)	mm Ast	3129	3154	3357	3408	3515	3723

Specification are subject to improvements and changes without notice