

TW12 FORKLIFT TRUCK

**Hydrostatic lifting, travel with 4x4 traction driven by wheel motor.
Width of 136 cm**

The TW12 forklift truck is the smallest hydrostatic model of Agrimac's TW series. It is the only one with direct traction provided by the Poclair in-wheel motor. Both in 4x4 and 4x2 mode. The 4x2 model is the only hydrostatic machine of its segment on the market.

The TW12 is driven by a three-cylinder and 19 KW Kubota engine that generates 25 horsepower. It lifts 1,200 kilograms up to a height of 3.6 metres. It has a considerable capacity despite being a compact machine. It is easy to operate and moves fast: with a max speed of eighteen kilometres per hour. It is also climbing slopes up to 35%.

It is a compact forklift with only 1.30 meters wide with narrow wheels, the narrowest on the market. This characteristic makes it ideal for agricultural use in fields with narrow crop aisles. It is very popular among the harvesters of apples and other fruit crops who stack three 400-kilo fruit crates simultaneously.

The smallest Agrimac forklift. It is designed for multiple uses and achieves unparalleled performance.



Its large capacity, safety and easy handling makes it ideal for being driven and operated by users who are not used to working with machinery. The smooth operation of the in-wheels motor provides the truck with a comfortable and intuitive driving making it difficult to distinguish between an expert and an amateur operator.

This model fits different mast options: Being 2.50 m, 3.14 m or 3.6 m duplex or a free-height three-metre triplex.



Compact size. Ideal for working in narrow aisles.



High ground clearance



In-wheel motor. Each of the driving wheels has a hydraulic motor on its axle to perform the translation movement.



Zero maintenance. Avoiding differential axles reduces maintenance to the minimum. The truck is designed not to fail.



The narrowest on the market. It is just 136 cm wide; 130 with the narrow wheels kit. It's ideal to work on narrow cropfields.



Multi-purpose. Its small size and great power makes it ideal for working both in the field and in construction sites.

The TW12 has a robust structure designed to deal with high demands of work on the most abrupt terrain as well as in adverse weather conditions. It is a very reliable machine. All components from the mast to the wheels are of European quality manufacturing, except its Kubota Japanese engine. It has a *minimex* system to quickly identify hydraulic failures and to be able to make repairs without having to disassemble the hydrostatic system.

All the elements involved in the transmission of the machine are self-lubricated with the transmission's own oil. Due to all these characteristics, it is known to be a forklift without maintenance costs.

Accessing components is as easy as lifting a bonnet fitted with gas struts.



The TW12 forklift truck is one of the top sales of Agrimac for its versatility, durability, work capacity and low maintenance costs. It is undoubtedly the right forklift truck for those looking for a short-term economic solution due to its low price and also for those who are looking for a long-term investment due to its low maintenance costs. In both cases TW12 is a profitable investment.



High maneuverability in narrow spaces



Easy to transport

TW12

GENERAL		Unit
Payload	kg	1.200
Unladen weight	kg	2,100 (With 2,5 duplex mast)
ENGINE		Unit
Model	-	Kubota D1105
Power	kW / CV	18.5 / 25
Torque	Nm	72
Cubic capacity	cm ³	1,123
Number of cylinders	-	3
Revolutions per minute	rpm	3,000
Emissions stage	-	V
Alternator	V-A	12 - 40
Cooling	-	Liquid
RUNNING		Unit
Gearing	-	1 Forward 1 Reverse Slow approach system
Top speed	km/h	18
Gradeability	%	35
Inner turning circle	mm	2,000 (4x2) / 2,200 (4x4)
Outer turning circle	mm	3,700 (4x2) / 3,900 (4x4)
Steering	-	Hydraulic with priority valve
Traction	-	4x2 / 4x4
Brakes	-	Hydrostatic to drive wheels. Servo to front wheels. Parking system automatic to front wheels
Wheels	-	Front: 11,0/65-12 Rear: 23×8,5 R 12
HYDRAULIC SYSTEMS		Unit
Transmission	-	In-wheel motor
Displacement pump		
Flow	l/min	120
Pressure	bar	400
Working pump		
Flow	l/min	24
Pressure	bar	140
TANKS		Unit
Fuel	l	35
Oil	l	35
EQUIPMENT		Unit
Battery	V - Ah	12 - 44
Mast	m	Duplex: 2.5 / 3.14 / 3.6 Triplex: 3.0

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