

# JST SERIES

## AIRPORT CARGO & BAGGAGE TRACTOR



### DESCRIPTION

The JST Series towing tractors, available with a maximum draw bar pull ranging from 2,000 daN (4,400 lbs) up to 2,800 daN (6,160 lbs), are designed to tow baggage carts, towable GSE and cargo trailers. JST tractors may be used for exceptional push back operation on small size aircraft, under certain conditions. Please contact manufacturer for details. This unit features a heavy duty frame made of arc-welded steel plate with rear heavy cast iron body to achieve long operating life. The tractor is available with multiple engine packages to meet various environmental conditions. The JST is ergonomically designed to provide maximum driving comfort and excellent all-round visibility.

### PERFORMANCES

(\*) Version without cab – could slightly change depending on the engine and configuration

|                                | JST-20                      | JST-25                     | JST-30                     |
|--------------------------------|-----------------------------|----------------------------|----------------------------|
| <b>Drawbar pull, daN [lbs]</b> | <b>2,000daN (4,400lbs)</b>  | <b>2,500daN (5,500lbs)</b> | <b>2,800daN (6,160lbs)</b> |
| <b>Gross weight, kg [lbs]</b>  | <b>3,550 kg ( 7,830lbs)</b> | <b>3,750 kg (8,310lbs)</b> | <b>4,350 kg (9,590lbs)</b> |

### STANDARD FEATURES

#### Engine

- CUMMINS B3.3: Diesel 3.3 liters, 48 kW@2600RPM. Emission: US EPA TIER4i, EU Stage IIIA
- DEUTZ D2011L04W: Diesel 3.6 liters, 50kW@2600RPM. Emission: US EPA TIER 3, EU Stage IIIA
- PERKINS 404D22T: Diesel 2.2 liters, 44.7kW@2800RPM. Emission: US EPA TIER 3, EU Stage IIIA
- PERKINS 404D\*: Diesel 2.2 liters, 35.5 kW @ 2800RPM. Emission: US EPA TIER 3, EU Stage IIIA

(\*) only available for JST-20

#### Transmission

Powershift transmission with torque converter and oil cooler. Two forward and one reverse gears.

#### Frame

Heavy duty 1 piece structure. Recessed rear and headlights.

#### Front axle

Steering axle with leaf spring suspension

#### Rear axle

Driving axle with single stage reducing gear and leaf spring suspension

#### Brake (service)

Front and rear brake with dry discs and calipers (dual calipers at rear), dual circuit

#### Brake (parking)

Drum brake on driving shaft at axle input, mechanically actuated by a cable

#### Hydraulic system

Hydraulic pump flanged on transmission PTO

#### Steering

Power steering (dual acting cylinder)

#### Cooling system

Heavy-duty rubber mounted radiator with electric fan

### STANDARD EQUIPEMENT

#### Driving Station

Comfortable driver seat and passenger seat adjustable in position

- Electrical horn
- Buzzer on rear return
- Ignition key switch
- Light and turn signal indicator selector
- Gauges :
  - Hourmeter
  - Fuel level (diesel or gasoline)
  - Engine coolant temperature

#### Tires

Front: LT185 R14 tubeless  
Rear: 225/75 R15 tube type

#### Hitches

Universal E-type hitch

#### Exhaust system

Single muffler with rear exhaust discharge

#### Fuel tank capacity

80 liters (21 US Gal)

#### Painting

White RAL 9016 color



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## DIMENSIONS AND WEIGHTS

- Front track: 1120 mm (44")
- Rear track: 1140 mm (45")
- Turning radius wall to wall : 3450 mm (134")
- Ground clearance at lowest point : 130 mm (5")

## ELECTRICAL EQUIPMENT

- 12V 80Ah battery
- 2 front head lights
- 2 combined rear lights using LED technology
- Flashing beacon
- Rear work light

## OPTIONS AVAILABLE

- Cab with or without doors

- Simple cab (with roof only)
- Air conditioning with padded cab
- WEBASTO cab heater for extreme cold area
- Shock absorbers on front and rear axle
- Rubber bumpers (Front & rear)
- Additional metallic front bumper
- Engine hood latch 'dog bone' type
- Steel engine hood
- Variety instruments according to customer request
- Front hitch
- Front and rear solid tires
- Rear hitch extension
- Rear luggage tray
- Fuel tank cap lockable type
- Other color than White RAL9016
- Other options available upon request

