

JST SERIES**AIRPORT CARGO & BAGGAGE
TRACTOR****TLD****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
Drawbar pull, daN [lbs]	2,000daN (4,400lbs)	2,500daN (5,500lbs)	2,800daN (6,160lbs)
Gross weight, kg [lb]	3,550 kg (7,830lb)	3,750 kg (8,270lb)	4,350 kg (9,590lb)

STANDARD FEATURES**Engine**

CUMMINS B3.3: Diesel 3.3 liters, 48.5 kW@2600RPM.
Emission: US EPA TIER4i, EU Stage IIIA

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: 185R14LT tubeless

Rear: 28x9-15NHS 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

JST SERIES**AIRPORT CARGO&BAGGAGE
TRACTOR****DIMENSIONS AND WEIGHTS**

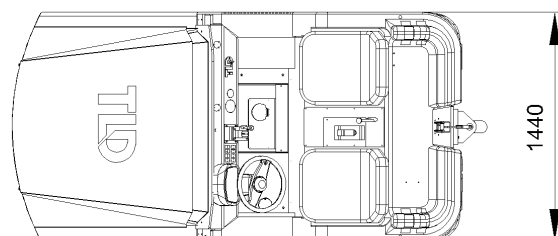
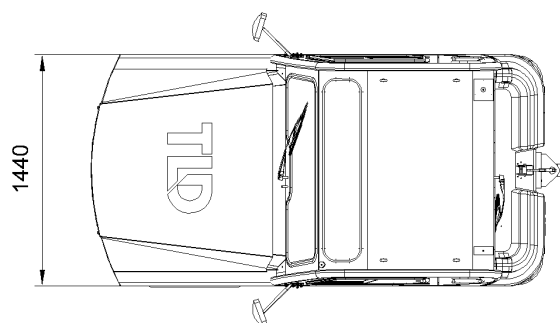
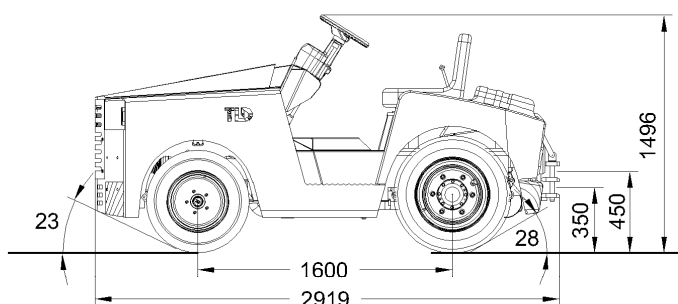
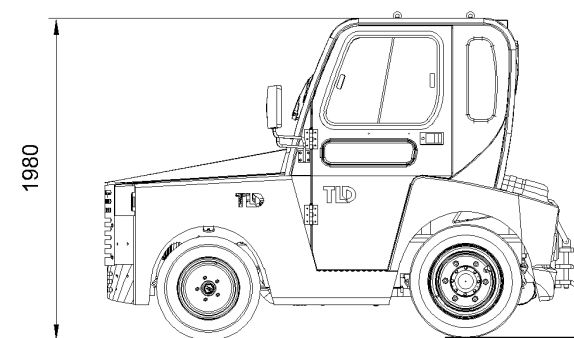
- Front track: 1120 mm (44")
- Rear track: 1140 mm (45")
- Turning radius wall to wall : 3450 mm (134")
- Ground clearance : 130 mm (5")

ELECTRICAL EQUIPMENT

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

OPTIONS AVAILABLE

- DEUTZ TD2.9: Diesel 2.9 liters, 50kW@2600RPM.
Emission: **US EPA TIER 4 FINAL, EU Stage IIIB**
- DEUTZ D2011L04W: Diesel 3.6 liters, 50kW@2600RPM.
Emission: US EPA TIER 3, EU Stage IIIA
- PERKINS 404D-22T: Diesel 2.2 liters, 44.7kW@2800RPM.
Emission: US EPA TIER 3, EU Stage IIIA
- FORD MSG425*: Gasoline 2.5 liters, 50kW@2800RPM.
- Cab with or without doors. Or simple cab (with roof only)
- Air conditioning with padded cab
- WEBASTO cab heater for extreme cold area
- Engine cold kit for extreme cold area
- Varsity instruments according to customer request
- Front hitch
- Front and rear solid tires
- Other color than White RAL9016
- Other options available upon request

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Revised on November 9, 2015, by SL

Specifications may be altered as a constant effort to improve performance.
Tolerance of data +/- 5 %. Some views may show optional equipment.