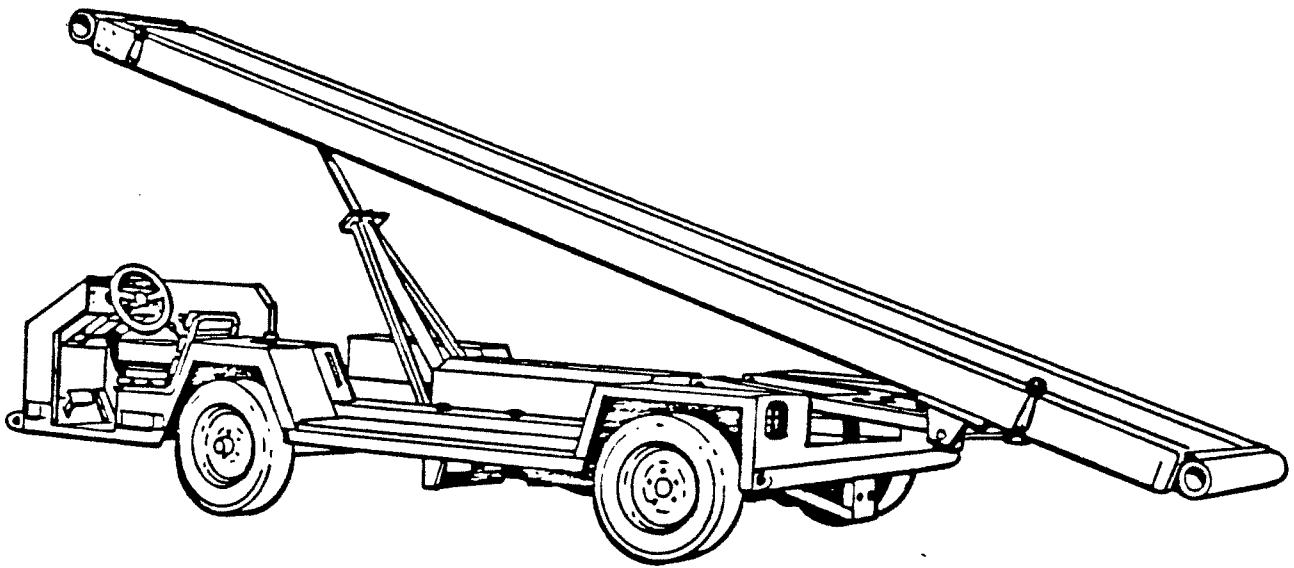


WOLLARD AIRPORT EQUIPMENT CO.
CONVEYOR TRUCK MODEL TC-886



Conveyor Truck Model TC-886
Figure 1

SECTION 3 - SPECIFICATIONS

1. Vehicle Specifications

A. Shipping Dimensions

Length: 307 inches
Width: 82 inches
Height: 50.5 inches

B. Shipping Weight

Complete with engine power pack = 5,480 pounds.

C. Chassis

Frame: Wollard, welded tubular construction
Wheelbase: 130 inches
Vehicle Speed: 25 MPH Perkins Diesel
30 MPH Ford gasoline
35 MPH Onan Diesel
Turning Radius: 22 feet
Ground Clearance: 7-3/4"

D. Conveyor Bed

Up/Down Control: Manual leveres below right hand side of instrument panel.
Belt Direction Control: Manual levers at the left front and rear of conveyor bed.
Length: 307 inches
Width: 34-5/8 inches
Belt Width: 24 inches
Rated Capacity: 2,000 pounds distributed at 200 PSF maximum.
Belt Speed: 40-120 FPM

E. Engine

Four different engine packages are currently available for the TC-886, and are enumerated below:

1. Perkins 4.108 in-line, 4-cylinder diesel, 4-cycle 107.5 cu. in. displacement.

Oil Capacity: 4.8 U. S. quarts (including filter).

2. Ford LSG-423 in-line, 4-cylinder gasoline, 140 cu. in. displacement.

Oil Capacity: 5 U. S. quarts (including filter).

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3. Ford 4.9L (300 CID), 6-cylinder gasoline.

Oil Capacity: 6 U. S. quarts (including filter).

4. Onan L423 in-line, 4-cylinder diesel, 4-cycle, 140 cu. in. displacement.

Oil Capacity: 6 U. S. quarts (including filter).

F. Transmission

Type: Automatic, automotive
Capacity: Automatic Transmission Fluid, ATF Type F, 9.5 quarts.

G. Drive Axle

Type: Automotive
Capacity: 3,300 pounds
Lubrication: Total Capacity 1.5 quarts (See Chp. 2, Table 1).

H. Steer Axle

Type: Automotive
Capacity: 3,300 pounds

I. Tires

6-Ply Rating: H78-15 LT.
Inflatable Pressure: 45 psi (cold)

J. Aircraft Compatibility

The unit will service all aircraft having lower lobe doorsill heights ranging from 37" (94 cm) to 169" (429 cm).

K. Brakes

System: 4-Wheel Split Cylinder
Front: Disc Type
Rear: Drum Type
Parking: Orscheln Lever rear wheels

L. Electrical System

Type: 12 VDC Negative Ground
Alternator: 61 Ampere
Battery: 620 Cold Crank Amperes

M. Fuel System

Fuel Tank: With Sight Gauge, Vented Cap and 21.2 gallon capacity

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N. Cooling System

Engine: Water-cooled, 2 gallon capacity.
Transmission: Radiator Internal Coil

O. Steering System

Type: Char-Lynn Orbitrol Power Steering
Cylinder: Single Stage Hydraulic

P. Hydraulic System

Cylinders: Single Stage
Valves: Manual and solenoid actuated
Pump: Engine Driven
System Pressure: 1,800 PSI Maximum
Filter: On Return Line
Strainer: On Suction Line
Hydraulic Tank: With Sight Gauge, Breather/Strainer Cap, 8.5 gallon capacity.

Q. Instrumentation

Warning Indicators: Volts, Oil, Water and Brakes
On-Off Switches: Anti-Crank Starter, Running Lights, Front
Spotlight, Glow Plugs for Cold Starting
Hourmeter: To Accumulate Running Time

R. Heights of Conveyor Bed from Ground

<u>CONDITION</u>	<u>FRONT</u>	<u>REAR</u>	<u>ANGLE</u>
Front Extended, Rear Retracted	168"	16"	35o
Front Extended, Rear Extended	159"	37"	28o
Front Retracted, Rear Extended	30"	58"	6o
Front Retracted, Rear Retracted	37"	37"	0o

S. Optional Items (Refer to Chapter 6 for any applicable specifications on optional equipment.)