

International Transtar Series F-4270 LIQUID HAUL



RATINGS

GROSS VEHICLE MASS (GVW) — tonne (lb.)

| | | STANDARD GVW 20.87 (46 000) | | | | |
|------------|------------------------|--------------------------------|--|--|--|--|
| FRONT AXLE | FA 339 | 5.45 (12 000) | | | | |
| Suspension | Std. | 5.45 (12 000) | | | | |
| Tyres | 11.00 x 22.5 16 ply | 5.45 (12 000) | | | | |
| Rating | | 5.45 (12 000) | | | | |
| REAR AXLE | RA 333 | 17.30 (38 000) | | | | |
| Suspension | Dayton 4 spring | 15.42 (34 000) | | | | |
| Tyres | 11.00 x 22.5 16 ply | 19.60 (43 200) | | | | |
| Rating | | 15.42 (34 000) | | | | |

GROSS COMBINATION MASS (GCW) — tonne (lb.)

Standard: ... 38.60 (85 000)

STANDARD EQUIPMENT

AXLE, FRONT

FA339 5.45 t (12 000 lb.) capacity.
Heat treated forged steel I-beam with sealed kingpins and end cap lubrication. Tie-rod ends are permanently lubricated and sealed.

AXLE, REAR

RA333 17.3 t (38 000 lb.) capacity.
Rockwell SQHD with IH wheelends. Tandem drive. Hypoid gear, single reduction.
Aluminium differential housings.
Full floating axle shafts.
Inter-axle differential power divider with air operated lock.
Magnetic drain plug.
Ratio: 4.63:1.

BRAKES, PARKING

Piggy back mounted, spring actuated, dual diaphragm chambers, on rear wheels with 14.75 l (900 cu. in.) reservoir for emergency release.
Total area: 5600 cm² (868 sq. in.).

BRAKES, SERVICE

Dual air, B.W. watercooled gear driven compressor. Rated capacity 0.34 m³/min (12 cu. ft.).
Front: 419 x 127 mm (16.5 x 5 in.) S-cam.
Rear: 419 x 178 mm (16.5 x 7 in.) S-cam.
Total lining area: 7613 cm² (1180 sq. in.).
Low pressure warning buzzer.
Three air reservoirs, total capacity 106 litres (6506 cu. in.).
Air tank sludge remover.
Flexible hoses, with re-usable fittings on chassis and nylon tubing with re-usable fittings in cab.

BRAKES, TRAILER

Semi-trailer connections with trailer protection valve, hand control valves, 3.81 m (150 in.)

hoses, lighting cable, socket, Interrupter switch and hose tender.

CAB

Steel construction with aluminium doors.
2.72 m (107 in.) bumper bar to back of cab.
Three-point mounting.
Safety glass, tinted windows, laminated glass windscreen.
Westcoaster driver's seat with seat belts — passenger's seat.
Air-operated windshield wipers with dual motors.
Dual Westcoast type Bright Finish exterior rear view mirrors. Clearance lights.
Driver's arm rest.
Right side grab handles, one inside, one outside.
Instruments comprising voltmeter, fuel, water temperature, air and oil pressure gauges. Engine high temperature and low oil pressure warning lights. Speedometer, odometer and tachometer.
Power divider lock indicator light.
Instrument panel with hinged access panel and back illumination.
Fresh air heater/demister with 2-speed fan.
Electric windshield washers.
Exterior sunvisor.
Visibility window in lower front of left door 203 x 330 mm (8 x 13 in.).
Five roof mounted I.C.C. type identification and marker lights.
Two roof mounted chromed air horns.
Two coat hooks, coat hanger bar.
Dual side dome lights.
Custom Interior trimmed: Extensively trimmed and padded throughout in Dark Red and Burgundy with chromed trim strips.
Hood and fenders — one-piece forward tilting (90°) moulded fibreglass.
Kaysor KA300 air conditioner (roof mounted).

CLUTCH

394 mm (15.5 in.) Spicer twin plate, woven

asbestos, angle springs with clutch brake.

COOLING SYSTEM

Three-piece bolted radiator with de-aeration system.
7742 cm² (1200 sq. in.) frontal area.
63.4 litre (14 gal.) capacity.
Radiator shutters.
Perry water filter.

DRIVELINE

102 mm (4 in.) diameter, dynamically balanced prop shaft 1710 series.
Needle bearing universal joints.
1610 series on inter-axle shafts.

ELECTRICAL SYSTEM

12 volt 65 amp alternator, 27-S1 type with integral fully transistorised regulator.
4 x 6 volt batteries, 720 Amp. hr. capacity.
Quartz halogen high and low beam headlights, 60/55 watts with front parking lights.
Front directional signals — reversing lights. Dual tail/stop/turning signal lamps. Circuit breakers to protect circuits.

ENGINE

Detroit Diesel 8V-71T 2 cycle V8, N75 injectors.
Gross Power: 261 kW (350 BHP) @ 2100 RPM.
Gross Torque: 1308 Nm (965 lb. ft.) @ 1600 RPM.
9.3 litre (568 cu. in.) displacement.
17.0:1 compression ratio.
Flywheel housing SAE 1.
406 mm (16 in.) dry air cleaner mounted under bonnet with vaculator, and restriction indicator.
By-pass IH, Fleetguard LF-750 oil filter.
Dual fuel filter.
Magnetic drain plug.
Jacobs engine brake.
Sound features as required to meet A.D.R.28 exterior sound restrictions.
Exhaust — vertical.
Horton fag clutch.

FINISH

Frame, wheels and fuel tank straps: Black.
Cab: choice of any standard IH colour.
Bumper: bright finish anodized aluminium.
Fuel tank: unpainted aluminium.

FRAME

Heat treated chrome manganese steel channel.
Bolted construction, drop front end section, tapered at rear.

254 x 90 x 8 mm (10 x 3 1/2 x 5/16 in.).
Section modulus: 238.4 cm³ (14.55 in.³).
Fifth wheel mounting angles.
Front bumper, mud flaps front and rear.
Wheelbase: 4.11 m (162 in.).

FUEL TANKS

Aluminium, side mounted.
303 litre (66 gal.) offside (Nominal capacities).

STEERING

S318 Sheppard M392 integral power steering.
Ratio 20.8:1.
530 mm (21 in.) steering wheel.

SUSPENSION FRONT

5.44 t (12 000 lb.) capacity, semi elliptic steel leaf
Springs (1372 x 102).
Threaded pins and bushings.
Hydraulic double acting shock absorbers.

SUSPENSION, REAR

15.42 t (34 000 lb.) capacity Dayton 4-spring. Axle
spacing 1.27 m (50 in.). Six torque rods, rubber
bushed.

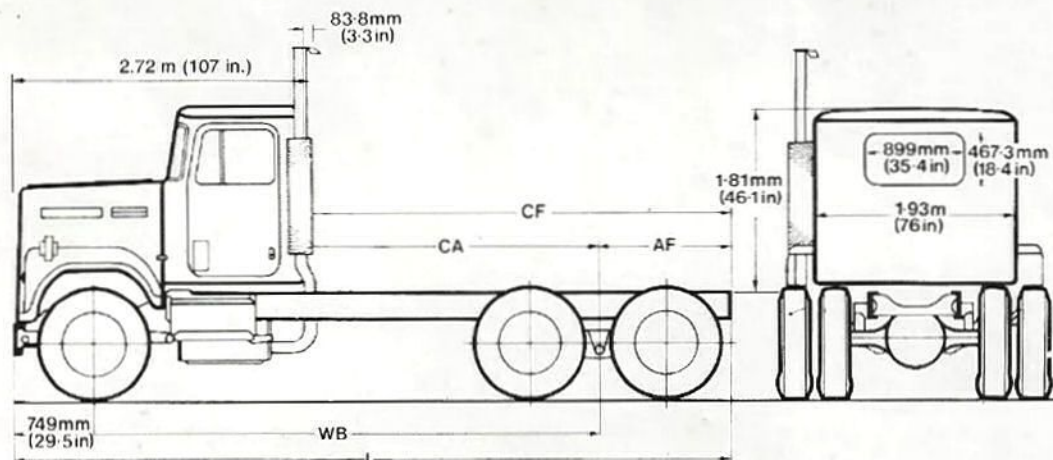
TRANSMISSION

T128 (Fuller RT915) 15 speed twin countershaft
Roadranger direct drive.
Ratios: Deep reduction range: 12.00, 9.42, 7.45,
5.90, 4.78.
Low range: 8.05, 6.30, 4.99, 3.95, 3.20.
High range: 2.51, 1.97, 1.56, 1.24, 1.00.
Reverse: Deep range: 13.03:1.
Low range: 8.73:1.
High range: 2.73:1.

WHEELS AND TYRES

Single front and dual rear.
Michelin 11.22.5 tubeless tyres.
5 spoke cast steel wheels with 22.5 x 7.5 rims.
Oil lubricated wheel bearing seals.

dimensions & mass F4270 liquid haul



Dimensions, with 11.00 x 22.5 x 20 tyres m (in.)

| | | | | | |
|--|------------------------------|--|------------------------------|--|----------------------------|
| (FH) Frame height— front axle: empty: loaded: | 1.06 (42.0) 970 mm (38.5) | (RC) Ground clearance— rear axle: | 254 mm (10.0) | (TW) Tread width— front axle: rear axle: | 2.02 (79.5) 1.83 (71.9) |
| | | (OW) Overall width— front bumper: rear axle: | 2.39 (94.0) 2.43 (95.8) | | |
| (RH) Frame height— rear bogie: empty: loaded: | 1.03 (40.6) 975 mm (38.4) | (OH) Overall height— to top of exhaust: to top of cab: | 3.45 (135.8) 2.66 (104.6) | (A) Max. tyre height— with 10.00 x 20 tyres: 114.3 mm (4.5) | |
| | | | | (M) Minimum clearance— necessary between back of cab and body: 89 mm (3.5) | |
| (FC) Ground clearance— front axle: | 304 mm (12.0) | (IW) Inside width— rear wheels: | 1.22 (48.2) | | |

| Chassis dimensions m (in.) | | | | | Turning circle m (ft.) | Chassis mass t (lb.) | | |
|----------------------------|-------------|-------------|--------------|--------------|---------------------------|----------------------|-------------|--------------|
| WB | CA | AF | CF | L | With bumper clearance | Front | Rear | Total |
| 4.11 (162) | 2.13 (84.0) | 1.34 (49.0) | 3.38 (133.0) | 6.10 (240.0) | 19.6 (64.3) | 3.52 (7760) | 3.06 (6740) | 6.56 (14500) |

Complies with Petroleum Regulations
(AS 2016-1977) with regard to electrical
equipment and exhaust systems.

In order that product improvements may be
introduced at any time, specifications are
subject to change without notice.

Illustrations may include optional equipment.
Metric and Imperial quantities shown are
equivalent within the implied accuracy.

PRICE QUOTED:

IH International
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