

FV3561 Trailer, Dummy Axle, Recovery, 10 - 30 Tonnes

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This page details the Characteristics of FV3561 Trailer, Dummy Axle, Recovery, 10 - 30 Tonnes and is designed to facilitate the evacuation of casualties up to 30 tonnes, freeing dedicated Recovery assets for specialist tasks.

A small diesel engine drives the hydraulic winch used to organise the casualty into position. Its capacity is 10400kg. A small hand winch helps the operator place the towing A frame for connection to the casualty.

"The vehicle has a single unsprung axle fitted with twin wheels and tyres. The casualty is lifted by a jib pivoted on the axle, with a winch 4 fall reeving, and a lifting beam. The casualty is further located by an A Frame which incorporates a pivoting towing eye with automatic catch to facilitate coupling to the casualty. An integral hydraulic system is fitted, powered by a four stroke diesel engine, which operates the winch, moves the jib between lifting and travelling positions, and raises and lowers the dolly wheels. A hand winch is fitted for positioning the A Frame and towing beam."

British Military Vehicles 1971.

Manufacturer Chassis Rubery Owen

Body Thornycroft FV Number

Whole Equipment

FV

Chassis FV Body FV Dimensions Length 3.581m (141")

Height 3.302m (130")

Width 2.388m (94") Wheelbase 3.099m (122") (axle to towing eye)

Track - Front

Track - Rear

Deck Length

Deck Width

Deck Height

Weights GVW 13.37 tonnes (29568lb)

FAW RAW Unladen Weight

3.25 tonnes (7168lb)

Angles Approach Departure Breakover Performance Speed Range Side Slope

Gradient Stop /Restart Solo Stop/Restart Towing

Turning Circle Verticle Step

Gross Power/Weight Ratio

Max Tractive Effort Low Gear

Max Trailer Weight - Braked

Max Trailer Weight - Unbraked Engine Manufacturer Type Displacement Gross Power

Nett Torque

Speed Limiter?

Speed Limited to

Ignition Type

Lubrication Engine Cooling

Fuel System

Type Pump Manufacturer

Air Cleaner

Fuel Diesel

Fuel Capacity

Gearbox Manufacturer Type Ratios 1st 2nd 3rd 4th 5th Electrical Generator

Manufacturer Capacity Batteries Capacity Suppression

Clutch Manufacturer Type Propeller Shafts

Manufacturer Transfer Box

Manufacturer Type Transfer Box Ratios

Axles Manufacturer Type Ratios - Top

Ratios - Bottom

Differentials Manufacturer

Quantity Front

Centre

Rear

Differential Locks
SuspensionFront
Nil Centre
Rear
Shock Absorbers Manufacturer

Front Centre
Rear Brakes
Manufacturer
Actuation - Foot Actuation - Hand Actuation - Trailer
2 Line air pressure
Front
Centre Rear
Hand
Mechanical Trailer Warning Device - Tractor
Warning Device - Trailer
SteeringManufacturer
Type Wheels Manufacturer Type B8.00x15, 3 piece
Tyres Manufacturer Dimensions 10.00 x 15 14 ply rating
Type (Radial/Cross ply)
Accessories Onboard Tyre Compressor?
No, by air line from tractor Compressor Capacity (Psi)
Towing Attachments Front Nato EYE
Rear WinchManufacturer
Type Drive Max rope pull/speed
Rope Length Recovery Hoist
Manufacturer
Type 4 Fall Reeving
Reach Capacity10000kg
SlewNot Available Maximum Hook Height
Maximum Lift Max Lift of Hoist Cable
Maximum Luff
Nil
Lift and Slew
Capacities Engine Oil
Gearbox Oil
Transfer Box Oil
Fuel Coolant Screenwash Support Publication:
EMER