



INTERIM STRYKER RECOVERY SYSTEM - GEN II

The US Army, with Tru-Hitch Inc., has fielded the Interim Stryker Recovery System Gen II (ISRS Gen II). The system incorporates the Fifth Wheel Towing and Recovery Device (FWTRD), which engages into the Tilt Deck Recovery Trailer (TDRT). This system provides a full range of recovery capability.

The Fifth Wheel Towing and Recovery Device (FWTRD) is equipped with a dedicated 35K winch and boom spade caps to provide a stable platform for recovery winching. The prime mover's heavy duty 45K winch can also be utilized with the FWTRD for winch recovery .

The Fifth Wheel Towing and Recovery Device (FWTRD) can lift 32,000 lbs and tow up to 150,000 lb. GCW with optimal weight distribution.

The Tilt Deck Recovery Trailer (TDRT) is capable of transporting up to 35 tons and offers high ground clearance and yet low center of gravity.

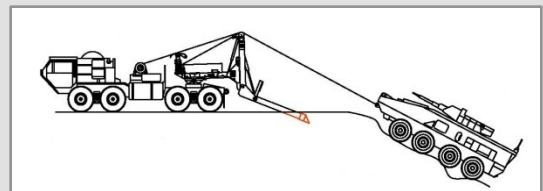


Tru Hitch®

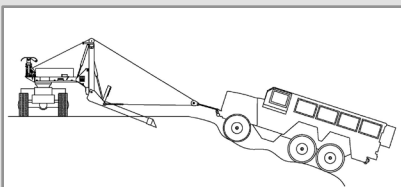
What makes the Tru-Hitch FWTRD unique is that it imposes a downward load on the prime mover at the fifth wheel rather than from behind the prime mover. Thus, towed weight is evenly distributed on all axles of the prime mover. The operator maintains safe steering and braking of the prime mover and the vehicle in tow. Because the load pivots at the fifth wheel, turning ability and off-road mobility are significantly better than that of other recovery systems. The FWTRD can be utilized independently of the Tilt Deck Recovery Trailer (TDRT) to lift tow a full compliment of wheeled vehicles, including MRAP and STRYKER.



For recovery, the FWTRD booms with boom caps, are set as spades. The winch cable is fed through a sheave mounted at the top of the FWTRD mast. This high vantage point and extremely stable platform maximize the winches capability. The prime mover's heavy duty 45K winch, the FWTRD 35K, or a combination of both winches can be utilized for straight pulls.

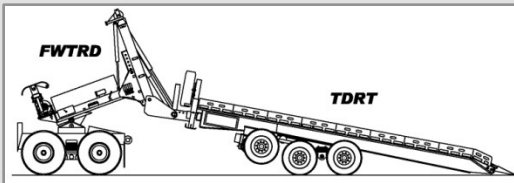


The FWTRD mounted 35K winch allows for recovery of vehicles at 90° to the prime mover.

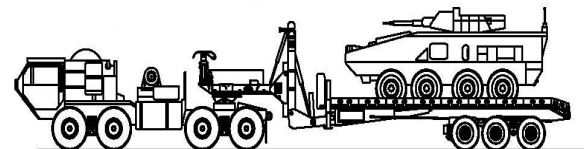
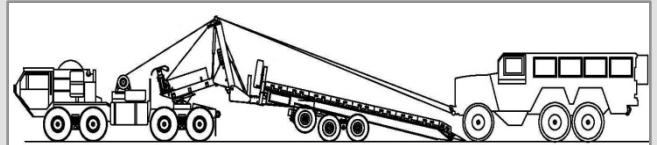


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The FWTRD engages into the Tilt Deck Recovery Trailer (TDRT). The axles of the TDRT slide forward allowing the bed to tilt to the rear for loading. Deck width is expandable from 102" to 114" to accommodate wider vehicles.



Disabled vehicles are winched onto the TDRT deck. The TDRT deck is specifically designed for severe service.



With the TDRT axles slid back to transport position, the load is safely moved out. Recover, Lift-Tow, Transport. The Interim Stryker Recovery System Gen II (ISRS Gen II) performs the full range of recovery functions.





XM20 FWTRD – NSN 2510-01-560-3567

XM1250 TDRT – NSN 2330-01-596-6932

FIFTH WHEEL TOWING & RECOVERY DEVICE (FWTRD)
MODEL XM20

SPECIFICATIONS

Curb Weight: 11,470 lbs (5,214kg) (w/ Bll)
Lift Capacity: 32,000 lbs (14,550 kg)
Gross Combined Weight (GCW): 150,000 lbs
(68,180 kg)
Length:
On Ground, Fully Extended: 367" (9320 mm)
Transport Configuration: 148" (3760 mm)
Width: 92" (2340 mm)
Height:
Towing Configuration: 162" max (4115 mm)
Transport Configuration: 58" (1470 mm)
On Ground: 113" (2870 mm)

Speeds:

Transporting:

Highway, Improved Roads: 50 mph (80 kph)
Unimproved Roads: 50 mph (80 kph)

Towing:

Highway, Improved Roads: 50 mph (80 kph)
Unimproved Roads: 35 mph (56 kph)
Off Road: 25 mph (40 kph)

Recovery Winch: 35,000 lbs (15,900 kg)

Boom Winch: 18,000 lbs (8,180kg)

Operation: Electric/Hydraulic, 12 / 24Volt
Solenoid / Manual Valves

Hydraulics:

Self Contained: 3,000 psi max, 18 gal cap.
Wet Line Provision

Air Lines: Glad Handles

Paint: CARC - Green, Desert Sand

Lighting: 12V / 24V

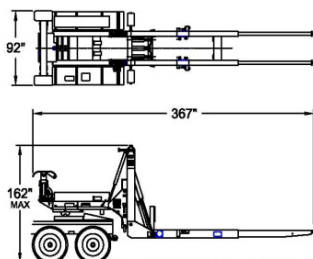
Tie Downs: (12) D-rings

Air Transportability: C130 Deployable

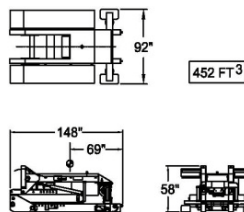
Interchangeable King Pin: 2" or 3.5"

Accessories:

Tool Box	Eight Cribbing Blocks
Mud Flaps	Steel Fenders
Light cord	Hand Held Control
Strobe Lights	Tow bar Adapters
Frame Hooks	Wheel Stops
Chain & Binder Kit	Carwell
Recovery Sheave	
Lav/Stryker Tow Adapters	



TOWING CONFIGURATION



SHIPPING CONFIGURATION

TILT DECK RECOVERY TRAILER (TDRT)
MODEL No. XM1250

SPECIFICATIONS

CAPACITY: 35 TON

DECK HEIGHT: 51"

WIDTH: 102" - 114"

OVER ALL DECK LENGTH: 28.5 FT

USABLE DECK LENGTH: 25 FT

WEIGHT: 27,980 lbs (less FWTRD)

LOAD ANGLE: 10°

HIGH MOBILITY: MEETS 15° RORO
RAMP REQUIREMENT

C130 DEPLOYABLE

FRAME: TUBULAR STRUCTURE

FLOOR: SOLID FLOOR - WEAR RESISTANT

SUSPENSION: FONTAINE, HUTCH 900-50

OVERSLUNG AXLES AND TRUNNION
AUXILIARY AIR LIFT AXLE

TIE DOWNS: D-RINGS

PAINT: CARC GREEN

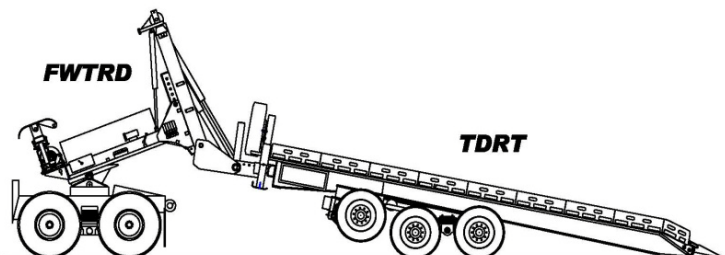
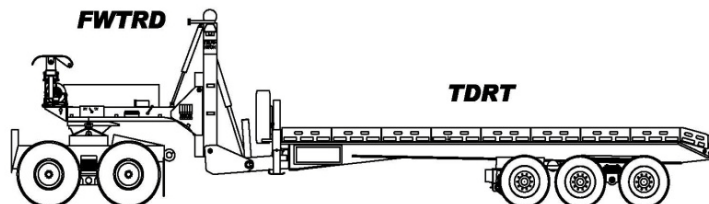
LIGHTING: 12V / 24V

WHEELS: STEEL DISC HUB PILOTTED

TIRES: 275/70R 22.5

HUBS: 10 HOLE HUB PILOTTED

MUD FLAPS: BLACK OEM



Tru Hitch®

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