The US Army, with Tru-Hitch Inc., has fielded the Modular Catastrophic Recovery System (MCRS). This 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.
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.
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 to transport position, the load is safely moved. Recover, Lift-Tow, Transport. The Modular Catastrophic Recovery System (MCRS) performs the full range of recovery functions.
XM20 FWTRD – NSN 2510-01-560-3567

FIFTH WHEEL TOWING & RECOVERY DEVICE (FWTRD)
MODEL: XM20

SPECIFICATIONS

Curb Weight: 11,470 lbs (5,214 kg) (w/Bill)
Lift Capacity: 32,000 lbs (14,550 kg)
Gross Combined Weight (GCW): 150,000 lbs
Length: 367" (9320 mm)
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: 56" (1470 mm)
On Ground: 113" (2870 mm)

Speeds:
Transporting:
Highway, Improved Roads: 50 mph (80 kph)
Unimproved Roads: 35 mph (56 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 (15,960 kg)
Boom Winch: 18,000 lbs (8,160 kg)

Operation: Electric/Hydraulic, 12 / 24 Volt
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 Deploable
Interchangeable King Pin: 2" = 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/Styker Tow Adapters

XM1250 TDRT – NSN 2330-01-596-6932

TILT DECK RECOVERY TRAILER (TDRT)
MODEL No. XM1250

SPECIFICATIONS

CAPACITY: 35 TON
DECK HEIGHT: 51"
WIDTH: 102" - 114"
OVERALL DECK LENGTH: 28.5 FT
USABLE DECK LENGTH: 25 FT
WEIGHT: 27,880 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, HITCH 900-90
OVERSLUNG AXLES AND TRUHNION AUXILIARY AIR LIFT AXLE
TIE DOWNS: D-RINGS
PAINT: CARC GREEN
LIGHTING: 12V / 24V
WHEELS: STEEL DISC HUB PILOTED
TIRES: 275/70R 22.5
HUBS: 10 HOLE HUB PILOTED
MUD FLAPS: BLACK OEM

www.truhitch.com