



Hamburg Township Public Safety Department

PO BOX 157 • HAMBURG, MICHIGAN 48139
PHONE: (810) 231-9391 • FAX: (810) 231-9401

EMAIL: HATP@hamburg.mi.us

RICHARD DUFFANY, DIRECTOR OF PUBLIC SAFETY



TO: Hamburg Township Board
FROM: Chief Richard Duffany
DATE: June 26, 2024
RE: Agenda Item Topic: **Purchase of Fire Utility Vehicle Skids**

General Ledger #: **206-000.000-981.000**

Number of Supporting Documents: **3**

NEW/OLD BUSINESS: **XXX** New Business

_____ Old Business – Previous Agenda #:

Requested Board Action

- Motion to approve the purchase of two QTAC skids from Mallory Safety & Supply, as outlined in the attached specifications, to outfit a 2007 Kawasaki Mule and a 2010 Polaris at a cost of \$17,944.05.

Background Information

Hamburg Township Fire has two utility vehicles (UTV) in their fleet. One is a 2007 Kawasaki Mule that seats 4 with a rear bed and the other is a 2009 Polaris. The Polaris was obtained by the Police division through the 1033 program in 2021 and was recently transferred to the possession of HTFD as it no longer is needed by the police. It is the goal of HTFD to outfit each of these vehicles for a specific purpose as outlined below.

The Mule has been utilized as a brush fire/rescue combination vehicle for many years. The Mule is a low-speed vehicle, well-equipped for off-road driving and is best suited as a rescue vehicle. It is our intention to purchase a specially built rescue skid that will fit in the bed and over the folded down rear seat of the Mule allowing it to transport injured persons from hard-to-reach locations. The skid will have a place for a Stokes stretcher/basket, attendant seating, medical equipment storage and oxygen bottle storage.

The Polaris is a more versatile and rugged vehicle than the Mule. It has more power, can travel at higher speeds and can carry a heavier payload. It is our intent to outfit the Polaris with a brush fire fighting skid. This skid has an 85-gallon water tank and an ultra-high-pressure Honda motor and pump that will allow firefighters to go directly to the brush fire and fight it from a mobile platform. The skid is designed to fit inside the current dump bed of the Polaris, eliminating the need to retrofit the vehicle for the skid. This provides the advantage of not having to alter the vehicle by eliminating the rear seats thereby allowing us to transport firefighters to the brush fire.



Hamburg Township Public Safety Department

PO BOX 157 • HAMBURG, MICHIGAN 48139
PHONE: (810) 231-9391 • FAX: (810) 231-9401

EMAIL: HATP@hamburg.mi.us

RICHARD DUFFANY, DIRECTOR OF PUBLIC SAFETY



The adopted FY 24/25 budget has a Capital Vehicle Expense allocation of \$25,000 towards the purchase and outfitting of a Tech Rescue trailer. After obtaining the Polaris, the fire command staff reconsidered this allocation and decided that the funds would be better spent on outfitting the Mule and the Polaris. This a proposal is for the purchase of two (2) skids from Mallory Safety & Supply. The following quote is via the OMNIA pricing system and therefore, the lowest price available:

- One (1) QTAC 75UHP Fire Skid Unit (For Polaris) -	\$13,230.34
- One (1) QTAC EMS- R Rescue Skid (For Mule) -	\$ 4,269.72
- Freight	\$ 443.99
- Total:	\$17,944.05

Budget Impact

As indicated, the cost of the purchase of these two skids can be covered by reallocating funds that were initially budgeted for a Tech Rescue trailer. As such, there is no adverse effect on the FY 24/25 budget.

Respectfully,

Chief Richard Duffany
Director of Public Safety



MALLORY

SAFETY AND SUPPLY LLC

645 Wilson St ■ Eugene, OR 97402
Ph: 541-683-9333 ■ Fax: 541-683-8107

QUOTATION

Purchase Order Address:

PO Box 2068
Longview, WA 98632

Order Number	
3567646	
Order Date	Page
6/18/2024 10:16:08	1 of 2
ESTIMATED DATE	
8/30/2024 00:00:00	

Quote Expires On 8/17/2024

Bill To:

HAMBURG TOWNSHIP- PUBLIC SAFETY (gov)
ATTN: ACCOUNTS PAYABLE
10100 VETERANS MEMORIAL DRIVE
HAMBURG, MI 48139

Ship To:

HAMBURG TOWNSHIP- PUBLIC SAFETY (gov)
10100 VETERANS MEMORIAL DR
HAMBURG, MI 48139
US

810-222-1100

Customer ID: 161818

Job Name:

PO Number		Carrier	Ship Route	Taker
UTV SKIDS/EMS-R /DIRECTOR NEWTON		SEE NOTES		MCASSIDY

Line No	Quantities					Item ID Item Description	Pricing UOM	Unit Price	Extended Price
	Ordered	Allocated	Remaining	UOM Unit Size	Disp.		Unit Size		

Order Note: OMNIA #159498 THIS PRICING IS FOR
HAMBURG TOWNSHIP AND IS NOT
ELIGIBLE FOR OTHER PUBLIC OR
NON-PROFIT AGENCIES.

Delivery Instructions: This quote includes liftgate, delivery appt
notification and government site delivery
accessorials at destination.
KBX-17758214-24

1	1.0000	0.0000	1.0000	EA		MTECH-230001301	EA	13,230.34	13,230.34
				1.0		SKID FIRE UTV QTAC 75UHP	1.0		
						MANUAL HANNAY REEL			

Order Line Notes: QTAC 75UHP, Manual Hose Reel, Includes:
- 75-gallon tank
- Honda GX270 8HP engine, electric start engine
- CAT UHP displace-type pump, 6.7 GPM @
1,200 PSI
- 1-1/2" drain
- 4" fill tower
- Hannay manual hose reel with 100-feet of 1/2"
UHP hose
- CAT UHP dual-pattern (fog/stream) nozzle
with hand grip
- 2.5-gallon foam cell with direct injection foam
kit

2	1.0000	0.0000	1.0000	EA		MTECH-230000910	EA	4,269.72	4,269.72
				1.0		SKID UTV RESCUE QTAC EMS-R	1.0		



MALLORY

SAFETY AND SUPPLY LLC

645 Wilson St ■ Eugene, OR 97402
Ph: 541-683-9333 ■ Fax: 541-683-8107

QUOTATION

Purchase Order Address:

PO Box 2068
Longview, WA 98632

Order Number	
3567646	
Order Date	Page
6/18/2024 10:16:08	2 of 2
ESTIMATED DATE	
8/30/2024 00:00:00	

Quote Expires On 8/17/2024

Line No	Quantities					Item ID Item Description	Pricing	Unit Price	Extended Price
	Ordered	Allocated	Remaining	UOM Unit Size	Disp.		UOM Unit Size		

WITH 02 BOTTLE HOLDER AND IV POLE

Total Lines: 2

SUB-TOTAL: 17,500.06

TAX: 0.00

FIXFREIGHT: 443.99

AMOUNT DUE: 17,944.05

U.S. Dollars



Model 75UHP UTV Fire Skid Specification



A Division of MTECH, Inc.
1072 Marauder, Suite 210
Chico, CA 95973
1.888.797.5100
www.qtacfire.com
www.mtechincorporated.com



TANK

The tank shall have the following characteristics:

- MTECH PolyTough™ extrusion-welded Copolymer Polypropylene construction
- Capacity of 75 gallons of water
- 3/8" internal baffles with interlocking design to meet NFPA standards
- Pump suction plumbed to the center of the tank with anti-cavitation device
- 1-1/2" tank drain
- Threaded 6" fill well, flush mounted at top of tank
- Tank vent
- Water level sight tube
- Flange-mounted anchor points to secure the skid unit to the bed
- Mounting pad for hose reel

PUMP & ENGINE

The pump system shall have the following characteristics:

- Honda GX270 8.0 hp engine with electric start (recoil start backup) with CAT 6.7 GPM triplex, gearbox driven high-pressure pump (1200 PSI @ 6.7 GPM)
- Primary and secondary pressure relief
- Discharge pressure gauge
- Inlet filter
- Purging system
- All plumbing to be of high pressure brass or stainless steel

FOAM

The foam system shall have the following characteristics:

- Foam induction system, includes:
 - MTECH PolyTough™ 2-1/2 gallon external foam reservoir
 - CAT foam induction system



HOSE & ASSOCIATED COMPONENTS

The hose and associated hardware shall have the following characteristics:

- 1/2" X 100' of UHP hose
- CAT variable stream UHP foam gun
- Hannay manual rewind hose reel
 - OPTION: Hannay electric rewind hose reel

WEIGHT*

Dry weight: 294 lbs.

Wet weight: 920 lbs.

Additional weight per component:

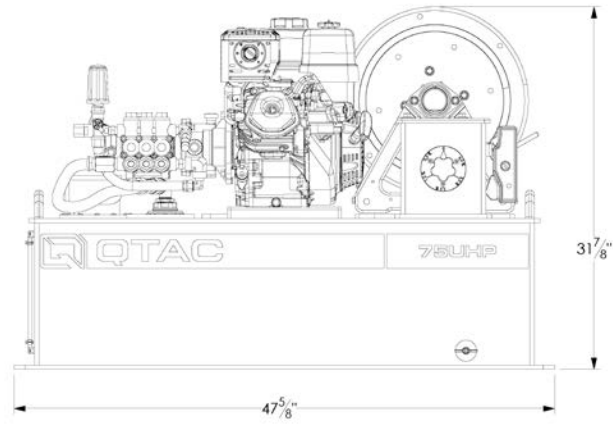
- Electric hose reel: 30 lbs.

**All weights are approximate*

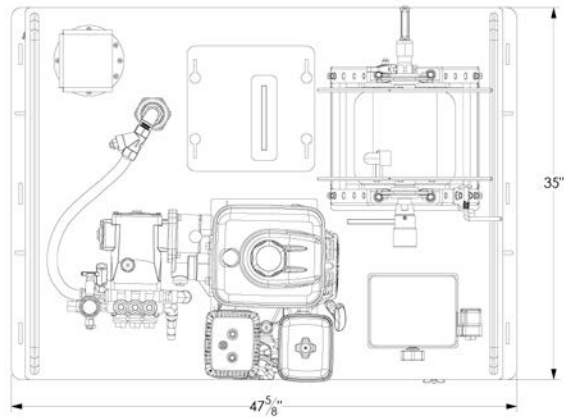


DIMENSIONS

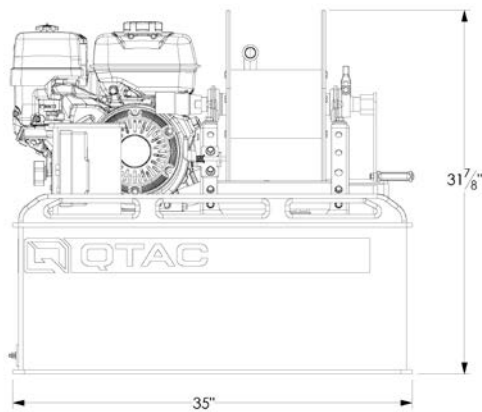
END VIEW



TOP VIEW



SIDE VIEW





Model EMS-R UTV Skid Specification



A Division of MTECH, Inc.
1072 Marauder, Suite 210
Chico, CA 95973
1.888.797.5100
www.qtacfire.com
www.mtechincorporated.com



STRUCTURE

The structure shall have the following characteristics:

- MTECH PolyTough™ extrusion-welded Copolymer Polypropylene construction
- Flange-mounted anchor points to secure the skid unit to the UTV bed
- Enclosed storage area with latching door
- Adjustable (fore and aft) padded attendant seat with safety belt
- Rescue area for stokes basket or long board
- Integral grab rails at rescue area and aside the attendant area for easy skid removal and for tie-down of patient and stowage

OPTIONS

The associated options shall have the following characteristics:

- MTECH PolyTough™ Sliding Storage
 - OPTION: Copolymer sliding storage tray with built-in stops
- MTECH PolyTough™ Oxygen Bottle Holder
 - OPTION: Removable Copolymer oxygen bottle holder for two “D” Sized bottles, with bottle retaining devices
- Stainless Steel IV Pole
 - OPTION: Removable Stainless Steel IV Pole with accommodations for two IV bags and storage when not in use.

EMPTY WEIGHT

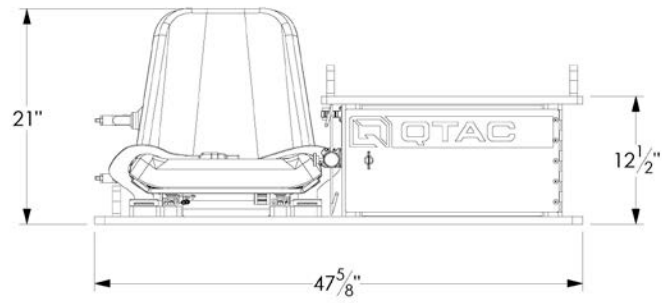
- Base Model: Approx. 145 lbs.
- With Sliding Storage: Approx. 182 lbs.

**All weights are approximate*

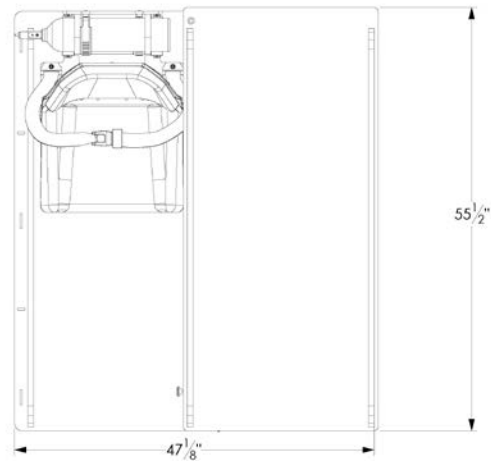


DIMENSIONS

END VIEW



TOP VIEW



SIDE VIEW

