



MODEL PPT-620

**A SURE-FOOTED  
MECHANICAL  
PACK MULE FOR  
PERSONNEL  
OR CARGO-  
ANY TERRAIN,  
ANY WEATHER**

**PASSEPARTOUT**

TM

**PPT of MICHIGAN**

Division of  
**TWIN BAY INDUSTRIES, INC.**

8980 Cairn Highway,  
Elk Rapids, Michigan 49629  
Phone: (616) 264-8103

de H. V. 1997

# YOU THERE AND BRING AND ECONOMICALLY

square inch for PPT-620) provides exceptional traction without sinking into soft terrain.

Either model can carry personnel or half a ton of cargo in the area behind the driver. Passenger seats are easily removed.

The endless belt treads are specially constructed of tough, rubber impregnated nylon ply with deep molded ground-gripping treads. Specially designed steel grouser treads may be used on PPT-620, as an option.

The drive utilizes a variable speed torque converter and a mechanical transmission with two forward speeds and one reverse speed. Automotive type clutches individually control the two tracks for easy handling and fast, minimum radius turns. Disc brakes are standard equipment.

The rugged, all steel frame and body construction make mounting of all kinds of mechanical or hydraulic accessories both simple and secure. An optional 19.9 hp Onan engine is available for more efficient operation of power take-off accessories such as a generator or hydraulic package. Roll bars and seat belts are standard equipment on both models.



MODE  
PPT-52

## APPLICATIONS

### UTILITIES

Line installation, maintenance and patrol in difficult or mountainous areas.

### CONTRACTORS

Transporting tools & personnel. Survey crews. Maintenance & repair operations.

### FORESTRY & LOGGING

Survey or scaling crews. Planting operations. Spraying & fire fighting.

### HUNTING & FISHING CLUBS

Maintenance, patrolling and personnel carrier. Trail maintenance. Grounds grooming. Fence building. Fire fighting.

### FARMS & RANCHES

Fence building and road maintenance. Weed & brush control. Mowing. All weather feeding programs. Snow

removal and general rough weather transportation. Fire fighting.

### GAS & OIL OPERATIONS

Seismographic crews. Exploration. Pipeline maintenance and patrol. Mowing and brush control.

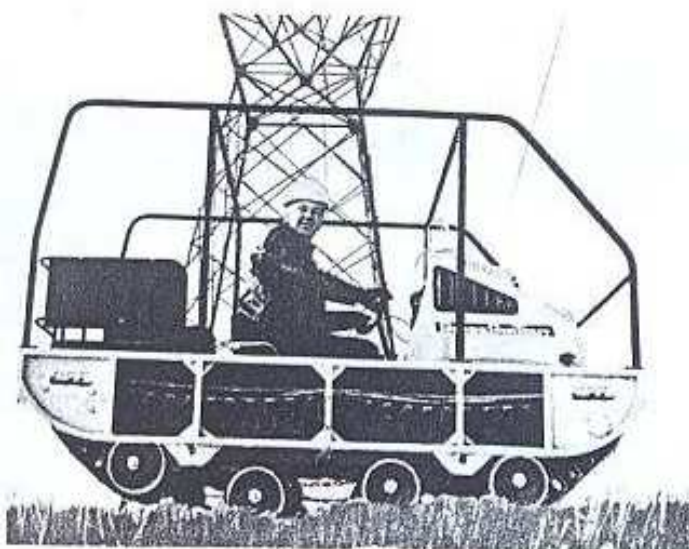
### SKI AREAS

Snowmaking and equipment moving. Slope maintenance. Ski patrol. First aid. Personnel carrier. Towing. Trail grooming.

### MUNICIPAL, STATE & FEDERAL

Forest and grass fire fighting. Park patrol. Spraying, mowing and road maintenance. Emergency rescue and first aid. All weather patrol. Emergency service crews. Exploration. Winter wildlife feeding and counting.

## OF THE MANY JOBS EASILY AND RELIABLY



## TYPICAL ACCESSORIES

Others Available on Request



TRANSPORT  
TRAILER



ELECTRIC  
WINCH



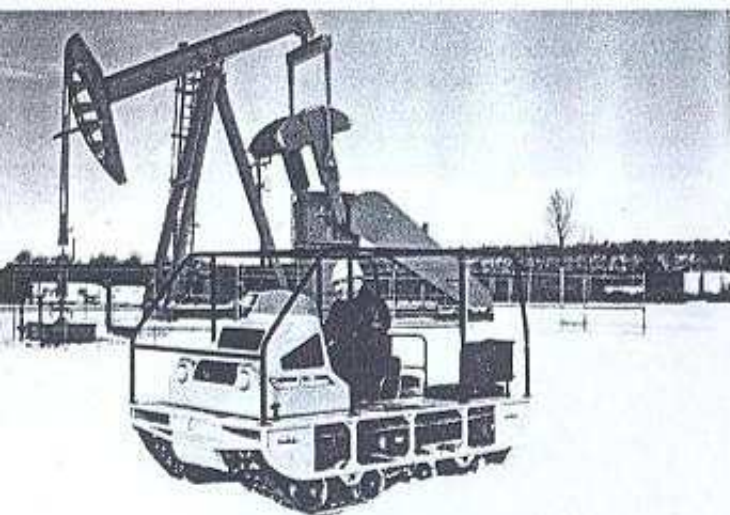
FERTILIZER  
OR SEED  
SPREADER



TRAIL  
GROOMER

# PASSEPARTOUT ...VEHICLES WILL TAKE YOU BACK SAF

TM



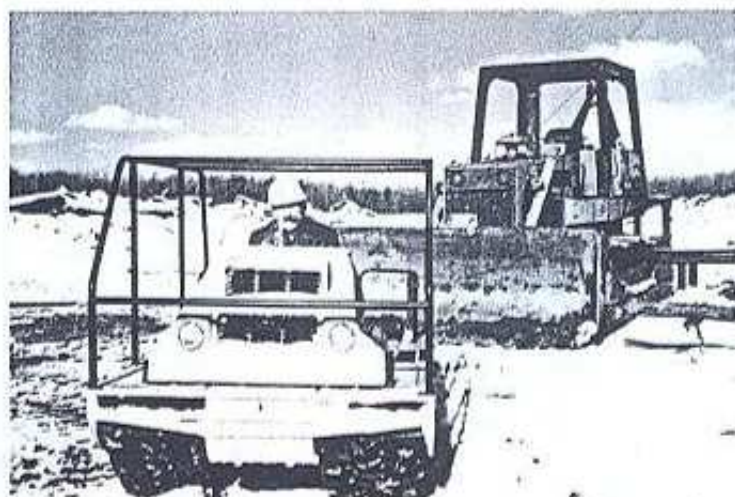
These compact, husky, wide-tracked, all-purpose vehicles are designed to fill the need for reliable transportation of personnel and equipment over wild, difficult terrain. The result, a "mechanical pack-mule" that has found enthusiastic acceptance wherever conventional vehicles find the "getting there" beyond their capabilities.

The PPT's full name is PasseParTout™ or "Pass Over Everything" — which it actually does with surprising ease and surefootedness.

Two models are available. PPT-520 weighs 1100 pounds, has 12 inch wide continuous treads and is equipped with a 4 cycle, 16.5 horsepower engine. PPT-620 weighs 1250 pounds, has 18 inch wide continuous treads and is equipped with a 4 cycle, 18 horsepower engine.

Both models' low center of gravity, compact size and ground-gripping treads plus their ability to turn on the center of one track make for extraordinary maneuverability in mud, sand, soft muskeg, snow, or nearly any type of terrain. Light weight in relation to track area (0.7 pounds per square inch for PPT-520; 0.57 pounds p

**SHOWN HERE ARE A  
PPT VEHICLES ARE DOI**



# GENERAL SPECIFICATIONS

**BODY:**

Made of steel — designed for ultimate strength and rigidity — unitized welded — reinforced and gusseted at all stress points.

**TRACKS:**

3 ply Hi-strength nylon (or equivalent) continuous belt — super resistant rubber covering.

**ENGINE:**

ONAN — 4 cycle — opposed twin cylinder — medium speed, high torque — forced air cooled — pressure lubrication — spin on, full flow oil filter — gear drive electric starter — dry element air filter — 3600 maximum RPM — maximum torque at 2500 RPM.

**ALTERNATOR:**

12 volt — 15 amperes.

**BATTERY:**

12 volt — 37 amperes.

**DRIVE UNIT:**

Variable speed torque converter with gear transmission — steering by semi-automatic clutch and caliper/disc brake combination.

**TRANSMISSION:**

2 speed forward and 1 reverse.

**SPEED:**

High range, 0 to 20 mph. — low range, 0 to 10 mph.

**SUSPENSION:**

Heavy duty "3 leaf" springs on all bogie wheels.

**BRAKES:**

Separate caliper/disc service brake on transmission — separate caliper/disc parking brake — both individually cable-controlled by hand levers.

**FUEL TANK:**

Portable tank — 6 U.S. gallon capacity.

**FUEL CONSUMPTION:**

Approximately 1/2 gallon/hour under load.

**PAYLOAD:**

Driver plus passengers — or 1000 pounds — or a combination of both.

**STANDARD EQUIPMENT:**

Safety roll bars — headlights — stationary flywheel guard — ammeter — oil pressure gauges.

**MANEUVERABILITY:**

Negotiates difficult terrain and slopes with reasonable safety. As with any off-road vehicle, the operator must be aware of the limitations of the vehicle and the seriousness of the hazardous terrain involved. Has low center of gravity — turns on center of one track.

## MODEL SPECIFICATIONS

MODEL	PPT-520	PPT-620	MODEL:	PPT-520	PPT-620
WEIGHT:	1100 lbs.	1250 lbs.	GROUND PSI (500 lbs.):	1.06 psi.	.81 psi.
LENGTH:	96 in.	96 in.	GROUND PSI (1000 lbs.):	1.40 psi.	1.04 psi.
WIDTH:	48 in.	60 in.	TRACTION:	molded ribbed pattern	molded ribbed pattern
HEIGHT (w/roll bars):	65 in.	65 in.	ENGINE: ONAN	B43M-GA016	B48M-GA016
GROUND CLEARANCE:	10.5 in.	10.5 in.	HORSEPOWER:	16.5 HP	18 HP
DECK HEIGHT:	24 in.	24 in.	DISPLACEMENT:	43.3 cu. in.	47.7 cu. in.
TRACK WIDTH:	12 in.	18 in.	MAXIMUM TORQUE:	20/25 ft. lbs.	25/30 ft. lbs.
TRACK AREA:	1500 sq. in.	2160 sq. in.	MAXIMUM TORQUE AT:	2500 rpm.	2500 rpm.
GROUND PSI (unladen):	.73 psi.	.57 psi.	DRAWBAR PULL:	1100 lbs.	1200 lbs.

These specifications supersede and void all other specifications previously published prior to this date of April 1, 1980. All specifications subject to change without notice.

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See your PPT dealer for special applications.

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Manufactured under one or more of the following patents:  
 U. S. Patent 3,451,728  
 Patented in Canada, 1967 - 755,000