

ARMORED RECOVERY VEHICLE WZT-3



- ✓ Recovery of tracked vehicles
- ✓ Recovery of tracked vehicles with main winch out of trenchers and rivers
- ✓ Securing tracked vehicles during river crossing operations
- ✓ Towing
- ✓ Various crane jobs
- ✓ Dozing and earthworks
- ✓ First aid and wounded evacuation
- ✓ Piggyback transport of spare parts

CREW 4 men

MOBILITY

| | |
|-------------------------------|-------------|
| combat weight | 42 t |
| ground clearance | 0.395 m |
| max. road speed | 60 km/h |
| max. gradient | 60% |
| max. side slope | 46% |
| vertical obstacle | 0.7 m |
| trench | 2.6 ÷ 2.8 m |
| deep fording (without bridge) | 5 m |
| ground pressure | 0.085 MPa |

ENGINE

| | |
|------------------|-----------------|
| model | S-12U |
| gross horsepower | 625 kW (850 hp) |

TRANSMISSION

| | |
|------------------|-----------------|
| model | epicyclic gears |
| control | hydraulic |
| number of speeds | 7/1 |

ELECTRIC POWER SUPPLY

| | |
|----------------|------------------|
| electric power | 27 V DC |
| generator | 10 kW |
| batteries | 4 x 12 V, 280 Ah |

ARMAMENT

| | |
|---------------------------|---------|
| anti-aircraft machine gun | 12.7 mm |
| smoke grenade launcher | 81 mm |

OBSERVATION DEVICES

day observation devices:

| | |
|----------------------------------|--------------------|
| - commander's | TNPO-160, TNPA-65 |
| - driver's | TNPO-168W, TNPA-65 |
| - additional observation devices | TNP-168A, PO-6 |

night observation devices:

| | |
|---------------|-----------------|
| - commander's | POD-72, passive |
| range | to 700 m |
| - driver's | PNK-72, passive |
| range | to 200 m |

FIRE SUPPRESSION

automatic

COMMUNICATION

| | |
|-------------|----------------|
| transceiver | R-173 |
| intercom | R-174 |
| option: | |
| transceiver | RRC-9500-3 |
| intercom | digital, FONET |

RECOVERY

main winch

| | |
|-------------------|------------------|
| type | drum, mechanical |
| traction force: | |
| single rope | 280 kN |
| with pulley block | 840 kN |

| | |
|--------------------|-----------------------------------|
| rope speed | 18 m/min (1 st gear) |
| | 42.6 m/min (2 nd gear) |
| usable rope length | 200 m |

auxiliary winch

| | |
|----------------------|-------------------|
| type | drum, hydraulic |
| traction force | 20 kN |
| linear speed of rope | 0.71 ÷ 0.87 m/sec |
| usable rope length | 400 m |

crane

| | |
|------------------------|---------------|
| max. lifting capacity | 13.5 ÷ 15 t |
| traverse angle | 360° |
| elevation angle | 42.5° ÷ 72.5° |
| max. lifting speed | 2.7 m/min |
| max. jib length | 8 m |
| min. jib length | 5.8 m |
| max. depth of lowering | 1.88 m |

dozer

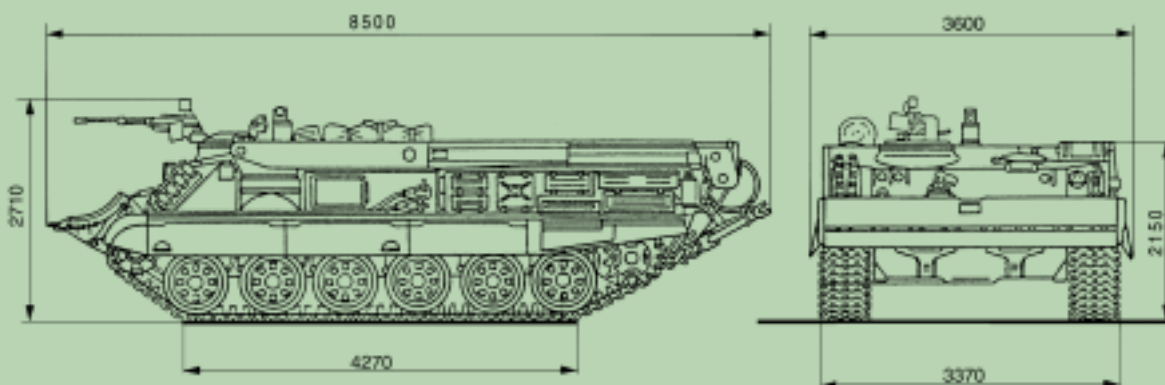
| | |
|--------------------|----------------|
| max. blade width | 3370 ÷ 3605 mm |
| max. blade sinking | 0.25 m |

portable voltage convector 24V/220V/800VA

OTHERS

- electric welding & cutting equipment
- gas welding & cutting equipment
- refuel/defuel pump
- loading box

DIMENSIONS



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MANUFACTURER:



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