The TATRA 8x8 High Mobility Heavy Duty Tactical Truck integrated with military Load Handling System interfaces with NATO STANAG 2413 flatracks, bodies and existing in-service military flatracks and bodies (even with non-standard side rails). System installed height with ISO/IC container is minimised under 4m to meet European road regulations.

The container lifting frame stowage assembly is mounted at the front of the subframe. It is used to store the container lifting frame when the vehicle is empty or in flatrack mode. Complete Flatrack Loading or Unloading cycle takes approximately 2 minutes. Flatracks and bodies are locked/unlocked automatically, all operations carried out from the driving position. Complete ISO container Loading or Unloading cycle takes about 5 minutes. ISO containers require external manual lock/unlock operations to attach/detach the lifting frame to the container and to engage/disengage the ISO twistlocks. Load Handling System can handle full payload up to 300mm below ground level. Use of a suitable trailer with a load handling system doubles the load carrying capacity of the unit.

The configuration enables the load handling system to handle the following equipment up to 16,500 kg: • ISO 668 20' IC (8 ft) and ICC (8.5 ft) freight containers • NATO standard Flatracks/Bodies according STANAG 2413 • PLM Flatracks with and without tilt according STB 07-37209-A1 • PLM EMAT 20 70 10 Flatracks • IFR MARS Flatracks • WLP 14t and WLP 14t-2 Flatrack/ Bodies according to DIN 30722 Ptl and Pt2.

- C-130 transportable • Adjustable vehicle height and clearance • All-wheel drive • Differential locks • CTIS operated on the fly • Optional add-on armoring kits to be implemented by the end-user when needed.

INDEPENDENT SUSPENSION
SOLID 3D STRUCTURE FRAME
18,100 kg PAYLOAD
8x8 DRIVE
300 kW

TATRA TAKES YOU FURTHER
tatratrucks.com
ENGINE
Air cooled, four stroke turbo-charged and charge-air-cooled direct injection Diesel.
Model: TATRA T3C-928-90 EURO III
Number of cylinders: 8
Bore/stroke: 120/140 mm
Displacement: 12.7 ltrs
Power output: 300 kW/1,800 RPM
Max. torque: 2,100 Nm/1,000 RPM

CLUTCH
MFZ 1430, single plate, with diaphragm spring. Hydraulic control with pneumatic booster.

TRANSMISSION
Model: TATRA 14 TS 210L
Number of speeds:
- forward: 14
- reverse: 2
Semiautomatic split. Except of the crawler and reverse gears, all gears are synchromeshed.
Option: automated gearshift

TRANSFER BOX
Type TATRA 2.30 TRS 0.8/1.9. Pneumatic control.

FRONT AXLES
TATRA steered and driven swing half-axles with independent wheel suspension, axle differential locks and inter-axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers.

REAR AXLES
TATRA driven swing half-axles with independent wheel suspension, axle differential locks and inter-axle differential lock. Wheel hub reductions. Air springs and telescopic shock absorbers, sway bars.

STEERING
Left/right hand drive, integral power steering.

BRAKES
Wedge type self-adjustable drum brake units, ABS. Four separate brake systems: service, emergency, parking, and engine brake.

WHEELS
Single tactical tyres on all axles with CTIS.
Rims: 20 -10.00V
Tyres: 16.00 R20
Beadlocks, run-flats as option

CAB
COE type, medium size, forward tilting, all-steel, two doors, 2 adjustable seats with safety belts, firm 3rd seat with safety belt, flat 2-piece windscreen, right-left design, roof manhole. Rifle racks, sun visors, HVAC unit. C-130 transportable. Prepared for add-on armoring.

ELECTRIC EQUIPMENT
Nominal voltage: 24 V
Batteries: 2×12V, 180 Ah
Alternator: 80 A/28 V

DIMENSIONS
Width: 2,550 mm
Track - front/rear: 2,072 mm
Ground clearance: 410 mm
Clearance can be temporarily raised/lowered by suspension on the fly.

WEIGHTS
Curb weight: 17,700 kg
Payload max.: 18,100 kg
GVW max.: 35,800 kg
Rated GVW: 38,000 kg

PERFORMANCE
Top speed: 115 km/h
Gradeability at GVW: 60 %
Side slope: 45 %
Turning circle diameter (curb to curb): 27±1 m
Fording capability: 1,500 mm
Crossing ability - trench width: 2,100 mm
Climbing ability - vertical step: 600 mm
Fuel tank: 420 ltrs
Cruising range (on road): 750 km
Operating ambient temperature: -32°C to +49°C

LOAD HANDLING SYSTEM
Rated lifting capacity 16,500 kg (even 300 mm below ground), and 10% useable overload capacity is available. Interfaces with NATO STANAG 2413 flat-tracks and bodies. Integrated stowable ISO Container Handling Unit. Minimised height to meet European road regulations.