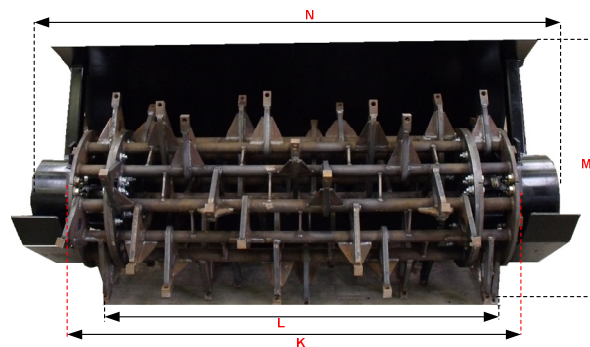
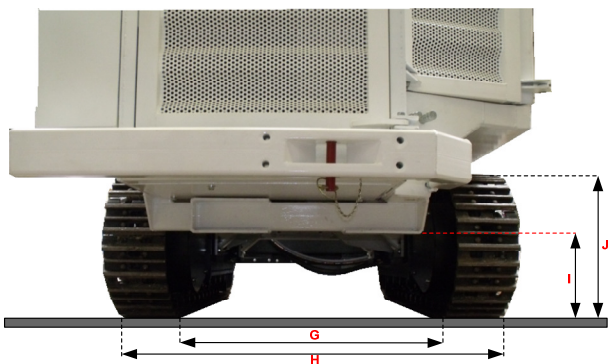
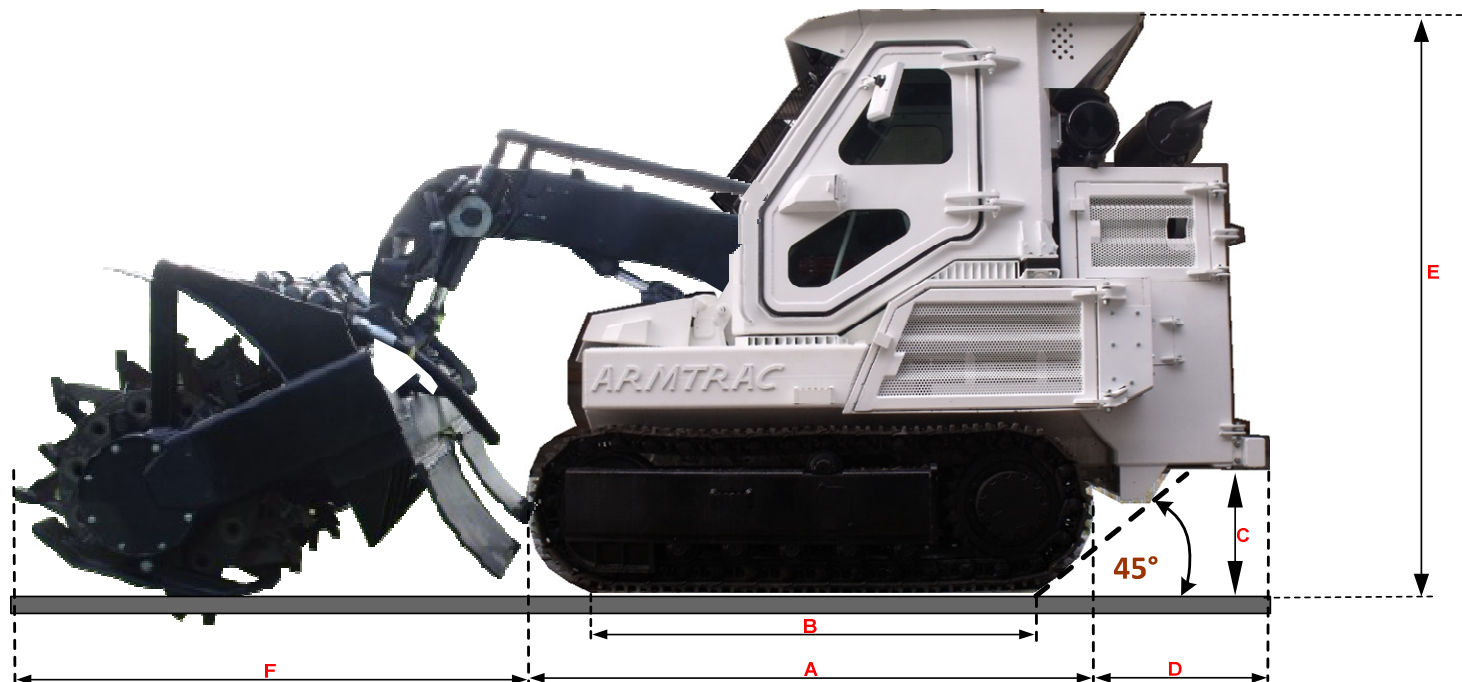


Armtrac 75T-230 (With Cab)



Armtrac 75T-230 (With Cab)



STATIC DIMENSIONS

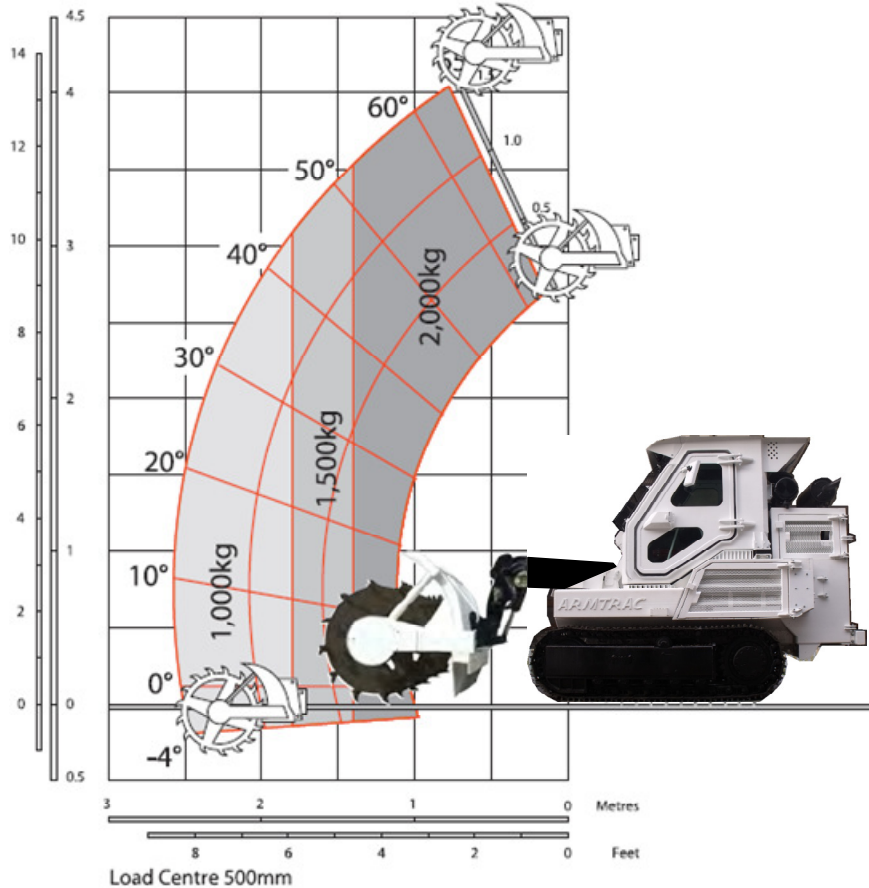
| | | |
|---|--|---------|
| A | Track length (Diameter) | 2665 mm |
| B | Track Footprint | 2044 mm |
| C | Under Carriage Height | 430 mm |
| D | Overhang (Rear) – Excl lifting eye. | 966 mm |
| E | Overall Height (Excl Exhaust silencer) | 2308 mm |
| F | Header Length | 2078 mm |
| G | Track width – inside | 1330 mm |

| | | |
|---|-------------------------|---------|
| H | Track width – outside | 1930 mm |
| I | Ground clearance | 430 mm |
| J | Track Height | 808 mm |
| K | Tiller Width | 2260 mm |
| L | Tiller Clearance Width | 2260 mm |
| M | Header – Overall Height | 1333 mm |
| N | Header – Overall Width | 2758 mm |

WEIGHTS

| | |
|--------------------------|---------|
| Superstructure (Cabless) | 8200 kg |
| Header (Tiller) | 2560 kg |
| Cab | |
| | |
| | |
| | |

Armtrac 75T-230 (With Cab)



LIFT PERFORMANCE 75T-230

| | |
|------------------------------|---------|
| Machine model | 75T-230 |
| Lift capacity at full height | 2000kg |
| Lift capacity at full reach | 1000kg |
| Lift height | 4025mm |
| Reach at maximum height | 815mm |
| Maximum forward reach | 2515mm |

ENGINE

Latest technology & advanced design provides low fuel consumption, reduced noise, high torque & power output with total reliability ensuring minimal maintenance. Two-stage dry type air filters with primary & safety elements.

| | |
|-------------------------------------|----------------------|
| Manufacturer | Deutz |
| Model | TCD2013L6 2v |
| Maximum torque | 1050 N.m (ISO 14396) |
| No of cylinders | 6 |
| Maximum rating | 258 HP |
| Maximum RPM | 2300 |
| Aspiration | Turbo / intercooled |
| Power Rating | |
| Power @ 2000 RPM | 250 HP |
| Fuel consumption | 25 – 32 Ltrs / Hr. |
| Water coolant operating temperature | 55° (Ambient) |

TRACK DRIVE

Type: Fully hydrostatic Two-speed
 Travel motors: Variable swash axial piston type, fully guarded within under-carriage frame
 Final drive: Planetary reduction, bolt-on sprockets.
 Travel speed: High – 15 km/h continuous.
 Travel effort: 55K/Newton.

BRAKES

Service brakes: Hydraulic counter balance valve, to prevent over-speed on gradients.
 Parking brake: Disc type, spring applied- hydraulic release.

ELECTRICS

24 Volt negative earth. 145 Amp Hr battery. 55 Amp alternator. Full road lighting. Reversing light. Horn. Reverse alarm. Fully remote controlled.

STEERING

One lever 4 position joystick control (hardwired & remote control) Forward Reverse left & Right. Left & Right position allows one track to turn in one direction while the other turns in the Opposite direction, allowing the machine to turn through 360 degrees while remaining on the Spot.

Armtrac 75T-230 (With Cab)



BOOM & CARRIAGE

The boom is manufactured of high tensile steel that can extend & retract & has a quick fit self-levelling carriage with a lever operated pin locking system. This allows the Armtrac 75T-230 to be a multi-function machine for de-mining as well as loading & lifting of heavy objects with standard fork-lift tines.

Low maintenance & hard wearing pads are fitted to the boom.
One boom end auxiliary hydraulic service lines fitted as standard.

SAFETY CHECK VALVES

Fitted to carriage tilt, telescopic & boom lift rams.

SERVICE CAPACITIES

| | |
|----------------|------------|
| Fuel tank | 376 litres |
| Hydraulic tank | 600 litres |
| Coolant | 25 litres |
| Track gearbox | 5 litres |
| Splitter box | 10 litres |

HYDRAULICS

| Operating @ 2000 RPM | Relief valve settings | Maximum Flow |
|-----------------------------|-----------------------|--------------|
| Variable displacement pumps | | |
| Flail / Tiller | 350 bar | 350 L/min |
| Track per track | 350 bar | 140 L/min |
| Gear pumps | | |
| Auxiliary | 250 bar | 60 L/min |
| Oil cooler fan | 100 bar | 30 L/min |
| Water cooler fan | 100 bar | 30 L/min |

FILTRATION

The hydraulic components are protected by the highest standard of filtration to ensure long fluid & component life.

| | |
|------------------|----------------------------|
| Inside tank | 90 micron suction strainer |
| Main return line | 25 micron paper elements |
| Drive lines | 10 micron pressure filter |

HYDRAULIC CYLINDERS

Double acting type, with bolt up end caps & hardened steel bearing bushes.
Hose burst check valves & Accumulators fitted to carriage ram for cushioning against Anti-Tank mine blast pressure.

TILLER CLEARANCE CAPACITY

| Tiller | Flail |
|-----------------------|---|
| Picks 48 | Chains 48 |
| Diameter 1300mm | 2200mm |
| Rotation speed 350RPM | 350RPM |
| Clearance speed | Light soil medium vegetation 1700m ² / Hr (@35cm) 2300m ² /Hr (@10cm) |
| | Medium soil medium vegetation 780m ² / Hr (@35cm) |
| | Heavy soil dense vegetation 530 m ² / Hr (@35cm) |

Explosive charge tested to 8.8kg – replace some picks / chains.

UNDER CARRIAGE

| | |
|-----------------------|--|
| Construction | Fully welded X frame type central belly guarding |
| Upper & lower rollers | Heat treated sealed & lubricated |
| Track adjustment | Grease cylinder type. |
| Track idler | Sealed & lubricated with coil spring |
| Cushioned recoil | Spring 2 |
| Track shoe | 450mm triple grouser |
| Roller per side | Upper rollers 1 |
| | Lower rollers 7 |
| | Track shoes 36 |

OPTIONS & ACCESSORIES

Options: Multipurpose bucket / blade, fork-lift tines, back hoe, standard bucket, tool box, Armtrac sifter.