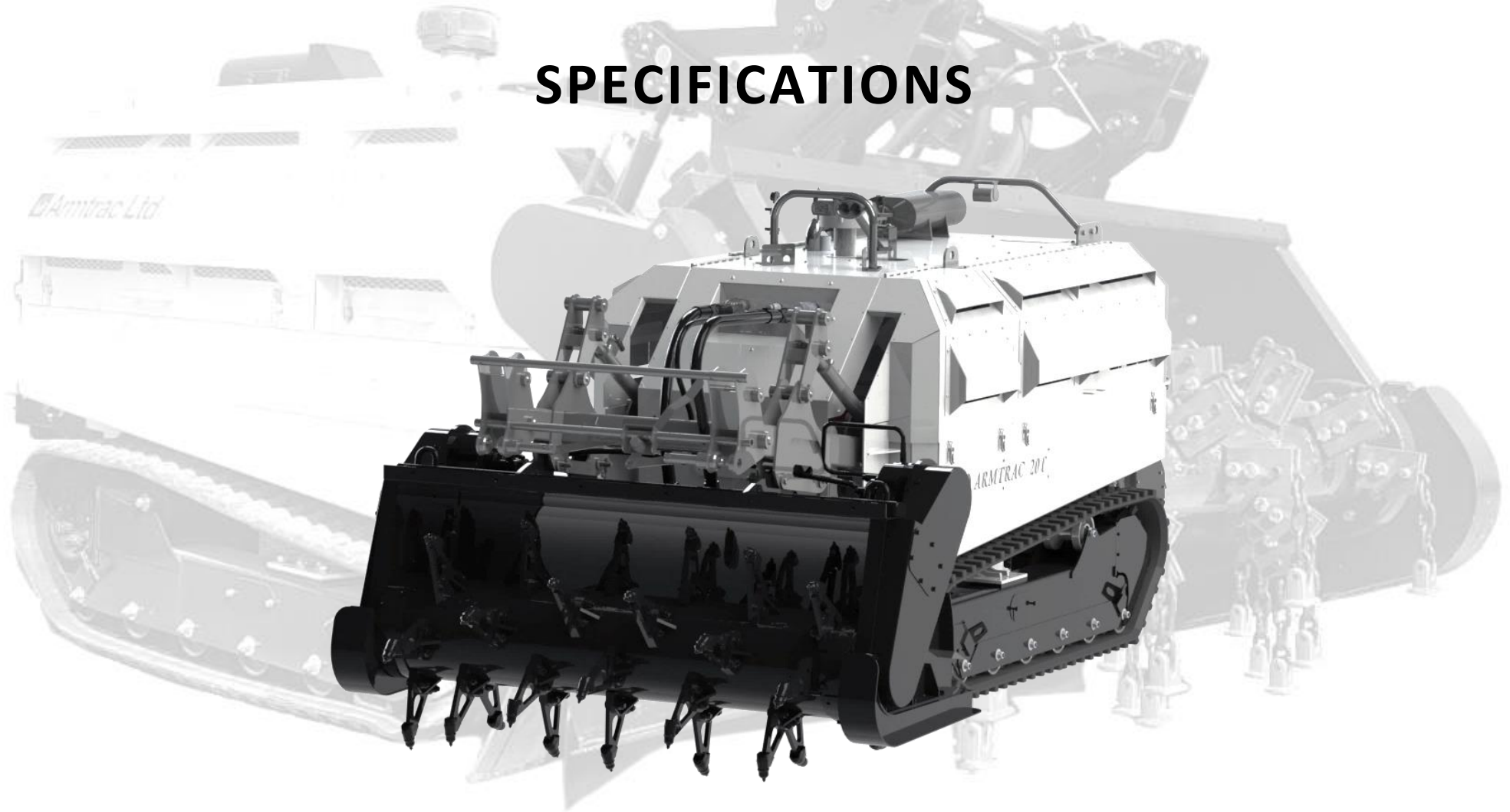




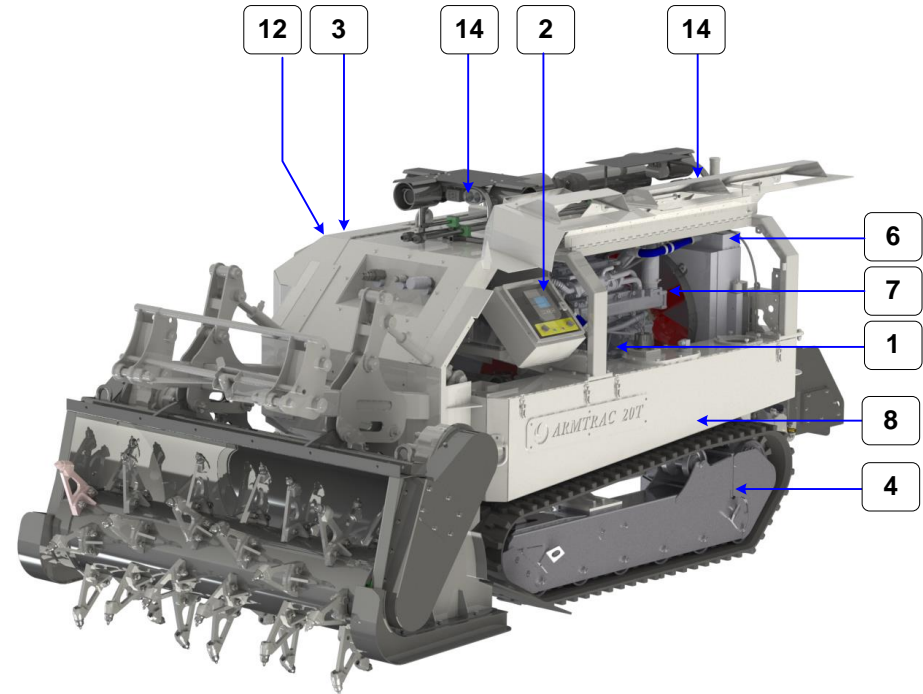
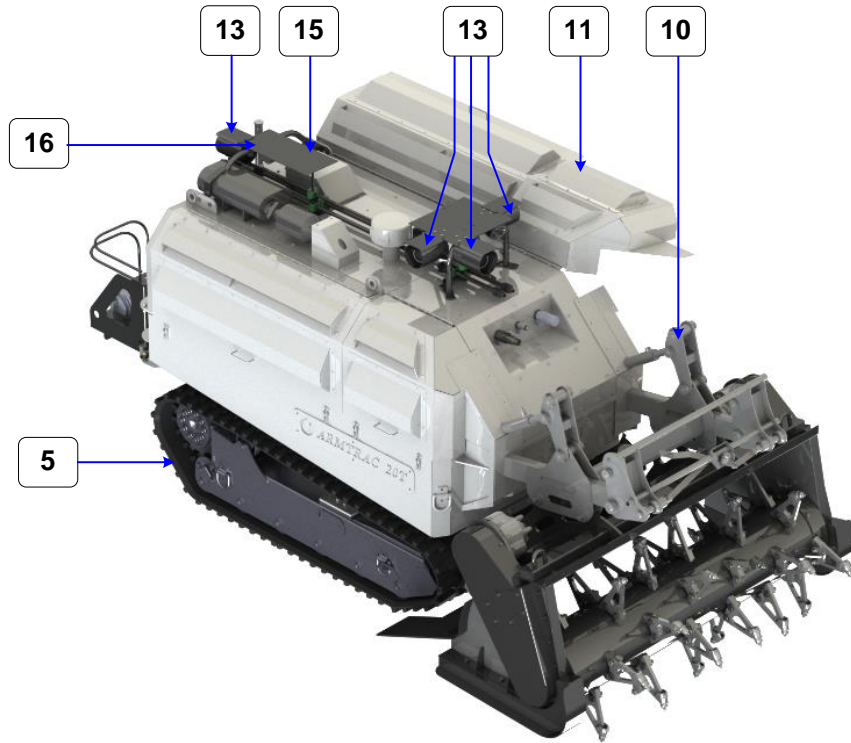
# ARMTRAC 20T Mk 2 SPECIFICATIONS



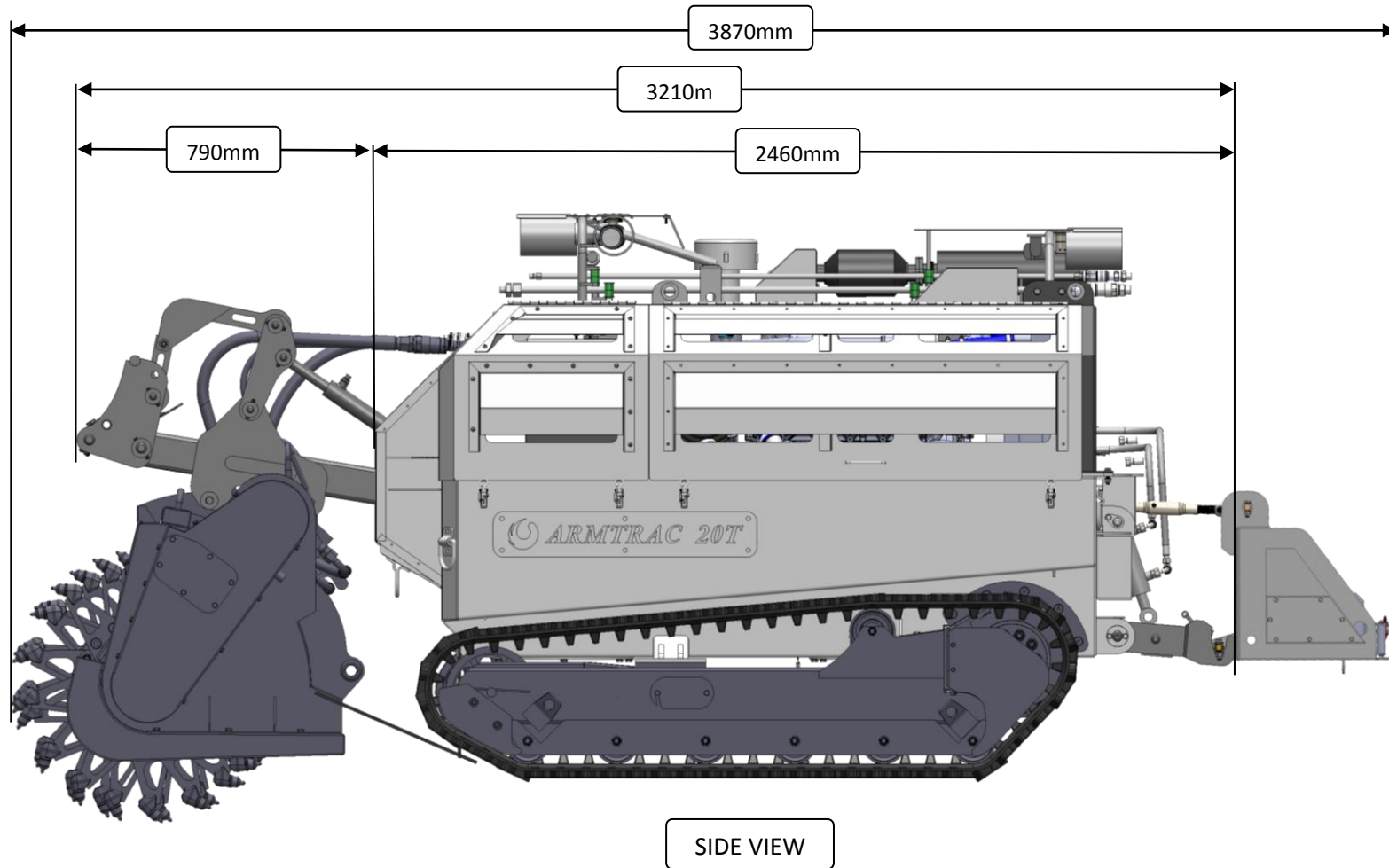


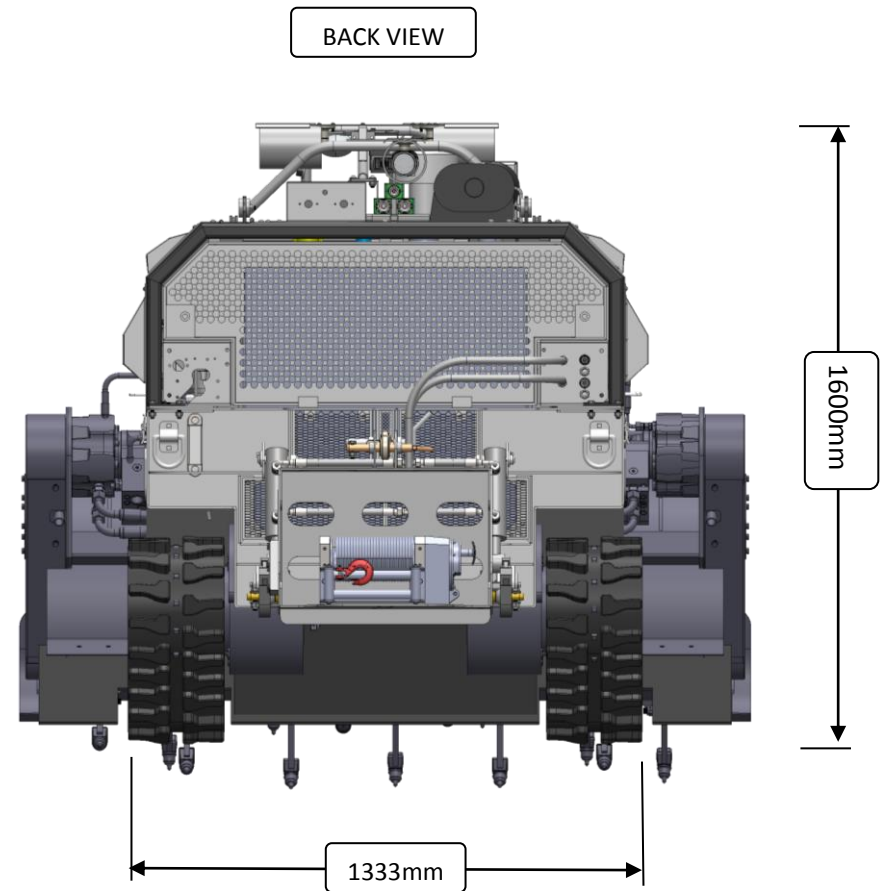
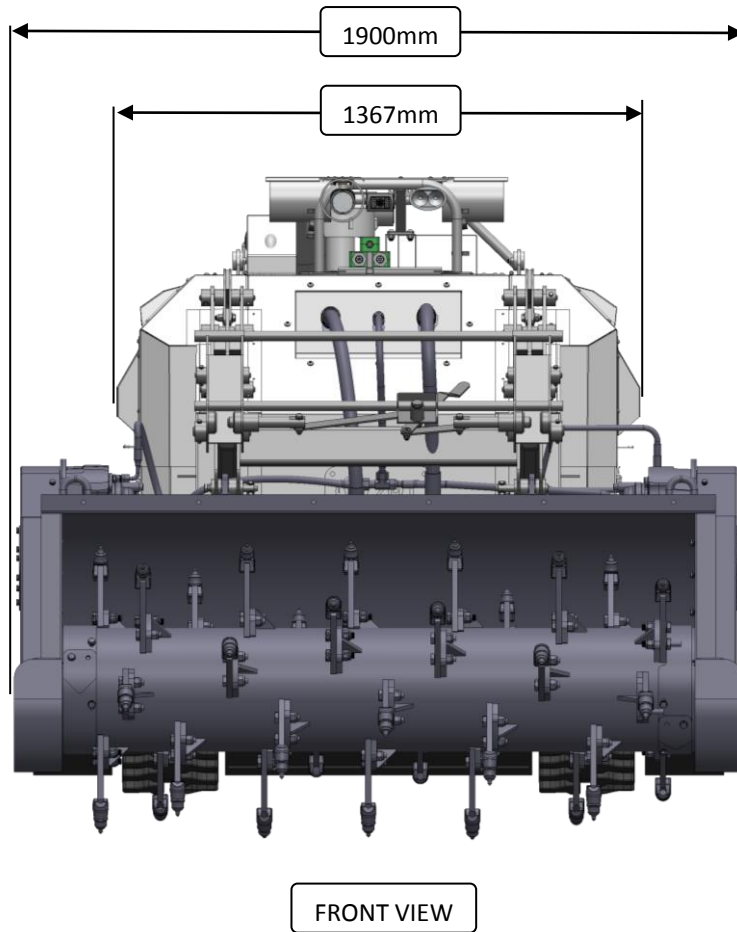
**MACHINE FEATURES**

1. 74hp (55.4kW) 4 cylinder Kohler engine	6. High capacity water radiator	11. Quick access for servicing
2. Ignition panel with warning system	7. Self-cleaning reversible fan	12. Master Switch
3. 78 litre fuel tank capacity	8. 75 litre hydraulic oil reservoir	13. *1 IP Cameras (4 of)
4. Tracks hydraulically driven	9. Independent cooling for hydraulics	14. Front & Rear work lights (18W / 1800 Lumens)
5. Self-tightening tracks	10. Double acting ram (attachment height)	15. Emergency Lights
		16. *1 IP Video System – long range antenna



\*1 OPTION: Cameras & the video system fitted are to be determined by the Customer upon requirements & anticipated operational expectations.







**REMOTE FEATURES**

1	Antenna socket	<b>SEE WARNING!</b>			
	<b>MODE 1:</b>	<b>Boom</b> UP/DWN,	<b>Bucket</b> CROWD/TIP		
3	<b>MODE 2 &amp; 3:</b>	<b>Dipper</b> UP/DWN,	<b>Bucket</b> CROWD/TIP		
5	<b>Emergency STOP</b>				
7	<b>Rotor</b>	OFF / ON / START			
9	<b>Engine Speed (RPM)</b>	INCREASE / DECREASE			
11	<b>LCD Display</b>	Temp (°C), RPM, Fuel (%), MPH, Warn. Icons: Battery charge, low oil press, low hyd. level.			
	<b>MODE 1:</b>	<b>Aux 2</b>			
13	<b>MODE 2 &amp; 3:</b>	<b>Off Side Leg</b> UP/DWN			
15	<b>Cruise Control</b>	SET			
17	<b>Float</b>				
19	<b>Mode SW</b>	(Mode 1/2/3)			
20	<b>T.B.D.</b>				
	<b>MODE 1:</b>	<b>Boom</b> IN/OUT			
22	<b>MODE 2 &amp; 3:</b>	<b>Backhoe Boom</b> UP/DWN <b>Slew</b> LEFT/RIGHT			
	<b>MODE 1 &amp; 3:</b>	<b>Tracks</b> (LH & RH, FWD & REV			
2	<b>MODE 2:</b>	<b>Dip</b> 180, UP/DOWN, GRAB 360 CW/CCW			
4	<b>Tracks</b>	<b>TRIM</b>			
6	<b>High Speed</b>	ON / OFF			
8	<b>Rotor Speed</b>	INCREASE/DECREASE			
10	<b>Engine Start</b>				
12	<b>Engine Stop</b>				
	<b>MODE 1:</b>	<b>Aux 1</b>			
14	<b>MODE 2 &amp; 3:</b>	<b>Near Side Leg</b> UP/DWN			
16	<b>Cruise Control</b>	ON / OFF			
	<b>MODE 1:</b>	<b>RRC</b> ON/HORN			
18	<b>MODE 2 &amp; 3:</b>	Reverse Fan			
21	<b>XA</b>				
23	<b>Channels</b>	Total 24 (4 groups of 6)			







**ENGINE**

Make	KDI 45042TCR Turbo common rail, 4 cylinder	
HP	74 hp (55.4kW)	@ 1500 RPM (Maximum)
Torque	300 Nm	
Fuel	Diesel	
Fuel Tank Capacity	78 litres	
Fuel consumption (maximum)	16 litres per hour at max power	Dependent on workload
Water cooled – Radiator	Standard	
Self-cleaning (Reversible fan)	Standard	
Transmission	Hydrostatic	
Noise Levels	80 dBs	Acoustic power level = dB (A) LWA

**HYDRAULICS**

Independent flail/tiller head circuit	Closed circuit piston hydraulic system	120 litres per minute max @ 600-800 RPM 300bar
Independent track drive circuit	2 X closed circuit hydraulic piston pumps	52 Litres per minute max @ 300bar
Auxiliary service	1 double acting auxiliary service	9 litres per minute max @ 210 bar
Independent intercooler	Standard	
Oil tank capacity	75 litres	Hydraulic 68
Attachment lifting capability	600kg	

**HEADER (Flail/Tiller)**

Oil flow	120 litres per minute	
Pressure	300 BAR	
Rotor speed	600 to 800 RPM	
Picks	32 or 34 Picks depending on the ground conditions	
Header width	1900mm	
Flail diameter	800mm	



Cutting height range (vegetation cutting)	1.5 meters depending on conditions
Hydraulic lift	2000mm
Floation (Angle)	14° up & down (+/-)
Cutting / digging width	1446mm to 1511mm depending on the ground conditions
Digging tiller depth	200mm Max.

**TRACKS**

Rubber	Standard	Working range up to 45 degrees
Self-tightening	Standard	
Length (Axle to axle)	1400mm	
Gear 1 Max Speed	5 km/h	
Gear 2 Max Speed	8 km/h	

**REMOTE CONTROL**

Working range	1000 meters
Frequency	434 MHz @ 100mW
Battery	7.2 Volt, 750mAh, Ni-MH, rechargeable
Proportional joysticks	Standard

**ELECTRICAL SYSTEM**

System Voltage	12 Volts DC	Working Spotlights (Front & Rear)	18W LED / 1800 Lumens/IP 67
Emergency / Indicator Lights	Green = OK / Red = Error (visible at long range)	Audible Alarm	Sounds before Rotor start (can be deactivated)



**\*2 REMOTE VIDEO SYSTEM**

**NOTICE:** Due to the details of *Armtrac's Remote Video System*, full specifications are contained within their own Specification Sheet. Refer to **SPEC/IPCAM/000/ISS{Latest Issue}/MM-YYYY** for further detailed specifications.

Video System	Long range Internet Protocol (IP) based <b>WiFi</b>	Operator Station	Ruggedized Mil Spec tablet
Cameras	4 Total (Front, Rear, Left & Right facing) <b>IP66</b>	Standards	MIL-STD 810G, IP65, C1D2, MIL-STD-461F
Range	500 Meters <b>LOS</b>	Battery Life	7 Hours
Operating Frequency	5.10 - 5.85 GHz	Wireless	AC7260 <b>802.11 a/b/g/n/AC</b> & Bluetooth 4.0 Class 1
Display	11.6" FHD (1920 x 1080) 500 nits LCD Panel / Capacitive Multi-Touch / Optical Bonding Sunlight Readable LCD 500 nits / Ambient Light Sensor / Built-in G sensor / 9-axis Sensor		
Spread Spectrum	<b>Bespoke Software Controlled.</b> Changes channel by periodically hopping to a lesser used channel & tracks interference levels on each channel, hopping more frequently to those with less interference.		

**WEIGHTS**

Armtrac 20T (Base unit) (Wet)	1840 kg	Minecomb	402 Kg
Tiller	534 kg	*3 Winch (if fitted)	50 Kg
Flail	480 Kg	Remote handset (Including battery)	≥ 500 grams
*3 Backhoe	350 Kg		

\*2 OPTION: Specifications of the Remote Video System may differ depending on the specific system selected & fitted.

\*3 Optional Attachment.