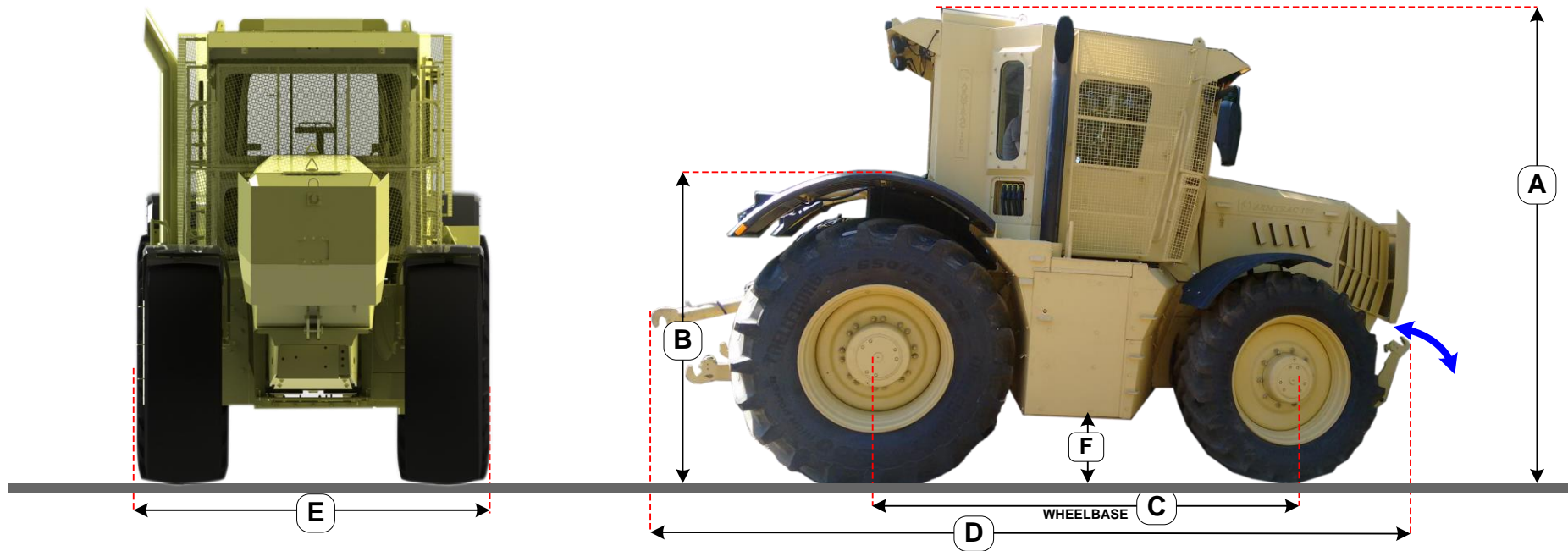




# **ARMTRAC 100-350 Mk.2**

## **SPECIFICATIONS**



**STATIC DIMENSIONS**

<b>A</b>	Height over cab	3.00 m	<b>D</b>	Overall length	5.40 m
<b>B</b>	Height over deck	1.67 m	<b>E</b>	Overall width	2.55 m
<b>C</b>	Wheelbase	2.98 m	<b>F</b>	Ground clearance	0.45 m


**ENGINE**

Rated power 97/68 EC	hp(kW)	335 (250)
Max. power 97/68 EC	hp(kW)	348 (260)
Max. torque @ 1450rpm	Nm	1440
Make	AGCO Power	
Model	84AWF	
Injection	Bosch CP4 common rail	
No. of cylinders	6	
Capacity	cc	8419
Bore	mm	111
Stroke	mm	145
Cooling	Water	
Air cleaner	Powercore dry element	
Aspiration	Turbocharged & Intercooled	

**POWER TAKE OFF**

Rear PTO type (front optional)	Fully independent to front and rear (front optional)	
Actuation	Electro-hydraulic	
Rear PTO speeds	540rpm @1570 engine rpm, 1000rpm @ 1930 engine rpm	
Rear PTO output spline	21 spline 1" 3/8 diameter or 20 spline 1" 3/4	
Rear PTO type (optional)	6 spline 13/4" diameter (optional)	
Front PTO speed	1000rpm @ 2030 engine rpm (optional)	
Front PTO output spline	6 spline 13/8" diameter (optional)	
PTO power	hp(kW)	310 (231)

**SUSPENSION**
**Front:** Coil spring and damper.

**Rear:** 45mm single-acting standard.

**ELECTRICAL SYSTEM**

System voltage	Volt	12
Alternator output	Amp	200
Battery capacity	Amp Hour	2 X 110 (2 X 950cca)

**CAPACITIES**

Fuel tank	litres	600
Hydraulic tank	litres	150
Urea tank	litres	60

**HYDRAULICS**

Rear 3 point linkage control	Electronic raise/lower with depth, draft/position intermix, rate of drop and maximum lift height control plus external lift and lower.
Rear 3 point linkage type	Category III; Quick attach hook ends, eye end top link.
Rear 3 point linkage capacity	10 000kg
Front 3 point linkage (optional) control	Electronic raise/lower with depth, rate of drop and maximum lift height control plus external lift and lower
Front 3 point linkage (optional) type	Category II; Quick attach hook ends, folding arm
Front 3 point linkage (optional) capacity	3500kg.

**AUXILIARY HYDRAULICS**

		Standard	Optional
Max. oil flow @ rated speed	l/min	137	178
Flow per slice	l/min	100	140
Operating Pressure	bar	210	210
Spool Valves	Electronic 7 position double acting with flow and time control, float position and zero leak		



**AXLES**

Type	Beam with outboard epicyclic reduction hubs
Wheel mountings	10 stud front axle, 16 stud rear axle
Four wheel drive engagement	Electrohydraulic
Differentials	Differential lock: front and rear electro-hydraulics soft engage.

**TRANSMISSION**

Type	2 range continuously variable transmission with 6 modes of operation.
Speeds (low)	0-40 kph
Speeds (high)	0-70 kph

**STEERING**

Type	<b>Standard :</b> Hydrostatic dual steering system, fixed ratio
	<b>Optional :</b> Hydrostatic dual steering system, GPS ready with Rapid Steer.
Column	Tilt and telescope adjustable

Standard (Agricultural version)	3 spool valves to the rear
Optional (Agricultural version)	spool valves to the rear, load sensing hydraulic connection, 1 or 2 front supplies, front free flow return
Couplers	Quick release/spill-off piped to reservoir (front and rear)

**BRAKES**

Type	Outboard discs with twin callipers and ABS on all four wheels..
Operation	Air over hydraulic to EEC truck specification.
Park brakes	Independent disc on transmission output
Actuation	Sprung on, air pressure off
Trailer brakes	Twin line air brakes, single line hydraulic brakes automatically applied by tractor park break, ABS 12v trailer supply socket as standard.

**VEHICLE WEIGHTS**

(kg)	Front Axle	Rear Axle	Total
Base machine less front linkage & FPTO	9766	9323	19090
+540/65 R38 front + 710/70 R38 rear, front linkage & FPTO	10310	9485	19795

**LEVEL 1 ARMoured CAB NATO AEP-55 / STANAG 4569 (7.62x51MM NATO BALL (BALL M80) AT 30 METERS WITH VELOCITY 833 M/s)**

**Standard equipment includes:**

Fully Armoured operator cabin (steel & glass) to Level 1 NATO Standard AEP-55 & STANAG 4569, to withstand 7.62x51mm NATO Ball (M80) fired with a velocity of 833 meters per second.

Fully automatic climate control, Air suspension seat with armrest mounted transmission and auxiliary controls, colour touch screen display, providing transmission information and setup capability, electronic spool valves, category 2 filtration, front and rear wash wipe, front sunblind, full road lighting equipment, auxiliary electrical and speed sensor sockets, full size passenger seat, lap belt for driver and passenger, slim line backlit dashboard, storage compartment, radio preparation with single DIN slot and four speakers. Cable access through rear window, rear fender mounted raise/lower and PTO switches.



**TYPICAL CONFIGURATION FOR ROADSIDE BOMB CLEARANCE**

*Front Robotic Arm with Mil D1/DS Metal Detector*



*Armtrac 100-350 Mk2*



*Rear Robotic Arm with Vegetation Cutter*

