

TERRION ATM 7000

- Thoroughgoing configuration rated to global application and maximum efficiency
- Processing of big areas proving the maximum productivity
- Fuel saving thanks to the smooth transmission and engine management system
- Full-frame system designed for maximum loads

PROJECT SKETCH



ATM GROUP

AgroTechMash JSC

AgroTechMash-T JSC

ATM United Technologies GmbH

MODEL RANGE ATM 7000



High performance pro unit of the area due to smooth driving technique



Robust hitches designed for any applications and maximum tractive effort



Space cab and comfortable working place with air-conditioning

Equipment	TERRION ATM 7360	TERRION ATM 7400
Tractor construction	standard with all drive wheels	standard with all drive wheels
Type of undercarriage design	full-frame	full-frame
Engine		
Engine type	DEUTZ TCD 2013 L06 4V	DEUTZ TCD 2013 L06 4V
Standard of exhaust gases toxicity	Class EC III A	Class EC III B
Rated power (ISO 14396)	kW/HP 253/345	290/394
Maximum power (ISO 14396)	kW/HP 266/362	302/410
The range of sustained power	1/min. 1700-2000	1700-2000
Cylinder number / cylinder capacity	- / cm ³ 6 / 7145	6 / 7755
Nominal speed	1/min. 2200	2000
Torque backup	% 35	30
Max. torque /rpm	Nm / 1/min. 1450 / 1500	1800 / 1500
The range of the constant torque	1/min. 1380-1600	1380-1600
High-pressure fuel pump	Common rail system Deutz	Common rail system Deutz
System of engine speed control	EMR 3	EMR 4
Fuel consumption/tank capacity	g/kwh / ltr. 198 / 700	195/700
Cooling system	compact system	compact system
Gearbox		
Gearbox (CVT)	ZF ECCOM 5.0	ZF ECCOM 5.0
Drive stage switching forward/backward	smooth	smooth
Speed of headway	km/h 0 - 50 (40)	0 - 50 (40)
Speed of backward	km/h 0 - 40	0 - 40
Braking system	single- / dooble-loop	single- / dooble-loop
Rear power shaft, switching under load	1/min. 1000 (option)	1000 (option)
System of implements/ Hydraulic system		
Lifting force, max.	kN 135	135
Class	4N / 3	4N / 3
Fast-acting hitch-mechanism WKS	serially	serially
Hydraulic system	load-sensitive (LS)	load-sensitive (LS)
Hydraulic pump power	L/min. 110 (opt. 150 / 220)	110 (opt. 150 / 220)
Hydraulic control system (own weight)	4 (opt. 5)	4 (opt. 5)
Free-flow drainage	serially	serially
Pressure behind the port	option	option
Amount of takeoff oil	L 100	100
Forward hitch system /lifting effort	kN 60 (option)	60 (option)
Class	3N	3N
Front axle (differential lockup100%)	DANA	DANA
back axle (differential lockup100%)	ZF	ZF
The rest equipment		
Front axle spring, hydro-pneumatic	standard at 50 km/h (option at 40 km/h.)	standard at 50 km/h (option at 40 km/h.)
Comfortable cab (door left/right)	serially	serially
Air-conditioning	serially	serially
Cab suspension, back	hydropneumatic with the level adjusting device (option)	hydropneumatic with the level adjusting device (option)
Pneumatic plant	braking system with 2-loop drive, standard	braking system with 2-loop drive, standard
Main dimensions and weight		
Own weight	kg 11500	12000
Max working weight, in the field	kg 22000	22000
add. total weight (depends on braking devices)	kg 16000 / 18600 *	16000 / 18600 *
Distance between the wheel pares	mm 3110	3110
Length/width	mm 5700 / 2500	5700 / 2500
Height to the upper end of the cab	mm 3380	3380
Clearance (cultivated crop)	mm 600	600
Rear tyres (max. diameter)	710 / 75 R 42 **	710 / 75 R 42 **
Front tyres (max. diameter)	650 / 65 R 38 **	650 / 65 R 38 **

*) Different type tyres may be used. Standard tyres, available in the market