## TERRION ATM 7000

- rated to global application and maximum efficiency
- Thoroughgoing configuration 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** 

ATM United Technologies GmbH Production and sales of tractors, agricultural and municipal engineering.

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If you have any questions concerning to designing, components purchase and delivery, logistic and orders execution, delivery the right to implementations outside the CIS.

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## MODEL RANGE ATM 7000

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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
Engine   Page	Tractor construction	standard with all drive wheels	standard with all drive wheels
DEUTZ TCD 2013 L06 4V   Class EC III A   Class EC III B	Type of undercarriage design	full-frame	full-frame
Standard of exhaust gases toxicity	Engine		
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   1700-200	Engine type	DEUTZ TCD 2013 L06 4V	DEUTZ TCD 2013 L06 4V
Maximum power (ISO 14396)   kW/HP   266/362   302/410   The range of sustained power	Standard of exhaust gases toxicity	Class EC III A	Class EC III B
The range of sustained power	Rated power (ISO 14396) kW/Hi	253/345	290/394
Cilinder number / cylinder capacity	Maximum power (ISO 14396 ) kW/Hi	266/362	302/410
Nominal speed	The range of sustained power 1/min	. 1700-2000	1700-2000
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Cilinder number / cylinder capacity - / cm	6 / 7145	6 / 7755
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Nominal speed 1/min	. 2200	2000
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Torque backup 9	35	30
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Max. torque /rpm Nm / 1/min	. 1450 / 1500	1800 / 1500 g
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	The range of the constant torque 1/min	. 1380-1600	1380-1600 gg
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	High-pressure fuel pump	Common rail system Deutz	Common rail system Deutz
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	System of engine speed control	EMR 3	EMR 4
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Fuel consumption/tank capacity g/kwh / Itu	198 / 700	195/700
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Cooling system	compact system	compact system
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Gearbox		Tt Dr.
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Gearbox (CVT)	ZF ECCOM 5.0	ZF ECCOM 5.0
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Drive stage switching forward/backward	smooth	smooth S
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Speed of headway km/l	0 - 50 (40)	0 - 50 (40)
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Speed of backward km/l	0 - 40	0 - 40
Rear power shaft, switching under load 1/min. 1000 (option) 1000 (option) 5  System of implements/ Hydraulic system  Lifting force, max. kN 135 135  Class 4N / 3 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 3N  Front axle (differential lockup100%) DANA DANA  DANA  The rest equipment  Description option 1000 1000 1000 1000 1000 1000 1000 10	Braking system	single- / dooble-loop	single- / dooble-loop
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Rear power shaft, switching under load 1/min	. 1000 (option)	1000 (option) පි
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	System of implements/ Hydraulic system		nica
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Lifting force, max. kN	N 135	135
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Class	4N / 3	4N/3
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Fast-acting hitch-mechanism WKS	serially	serially ື່ສ
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Hydraulic system	load-sensitive (LS)	load-sensitive (LS)
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Hydraulic pump power L/min	. 110 (opt. 150 / 220)	110 (opt. 150 / 220)
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Hydraulic control system (own weight)	4 (opt. 5)	4 (opt. 5)
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Free-flow drainage	serially	serially +
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Pressure behind the port	option	option E
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Amount of takeoff oil	100	100
Class 3N 3N 3N 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Forward hitch system /lifting effort kt	l 60 (option)	60 (option)
	Class	3N	3N g
	Front axle (differential lockup100%)	DANA	DANA
	back axle (differential lockup100%)	ZF	ZF පි
	The rest equipment		
Comfortable cab (door left/right) Air-conditioning Cab suspension, back Pneumatic plant  Main dimensions and weight Own weight hydropneumatic with the level adjusting device (option) braking system with 2-loop drive, standard  Max working weight, in the field kg Air-conditioning Cab suspension, back Pneumatic plant  Making system with 2-loop drive, standard braking system with 2-loop drive, standard  Max working weight, in the field kg Air-conditioning  Distance between the wheel pares mm Air S700 / 2500  Height to the upper end of the cab mm Clearance (cultivated crop) mm Air S700 / 55 R 42 ** Front tyres (max. diameter)  Serially Se	Front axle spring, hydro-pneumatic	standard at 50 km/h (option at 40 km/h.)	
Air-conditioning Serially Serially  Air-conditioning Serially hydropneumatic with the level adjusting device (option) hydropneumatic with the	Comfortable cab (door left/right)	serially	serially ‡
Cab suspension, back Pneumatic plant  Main dimensions and weight  Own weight Max working weight, in the field Act total weight (depends on braking devices) Distance between the wheel pares  mm  Clearance (cultivated crop)  Rear tyres (max. diameter)  hydropneumatic with the level adjusting device (option) hydropneumatic with the level adjustic space of the last of	Air-conditioning	serially	serially o
Pineumatic plant	Cab suspension, back	hydropneumatic with the level adjusting device (option	hydropneumatic with the level adjusting device (option)
Main dimensions and weight           Own weight         kg         11500         12000         2           Max working weight, in the field         kg         22000         22000         2           add. total weight (depends on braking devices)         kg         16000 / 18600 *         16000 / 18600 *         9           Distance between the wheel pares         mm         3110         3110         3110         3110           Length/width         mm         5700 / 2500         5700 / 2500         5700 / 2500         9           Height to the upper end of the cab         mm         3380         3380         9           Clearance (cultivated crop)         mm         600         600         600           Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         8	Pneumatic plant	braking system with 2-loop drive, standard	braking system with 2-loop drive, standard
Own weight         kg         11500         12000         Tage           Max working weight, in the field         kg         22000         22000         22000           add. total weight (depends on braking devices)         kg         16000 / 18600 *         16000 / 18600 *         96           Distance between the wheel pares         mm         3110         3110         3110         200           Length/width         mm         5700 / 2500         5700 / 250	Main dimensions and weight		- S
Max working weight, in the field         kg         22000         22000         5           add. total weight (depends on braking devices)         kg         16000 / 18600 *         16000 / 18600 *         0           Distance between the wheel pares         mm         3110         3110         3110           Length/width         mm         5700 / 2500         5700 / 2500         5700 / 2500           Height to the upper end of the cab         mm         3380         3380         3380           Clearance (cultivated crop)         mm         600         600         600           Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         850 / 65 R 38 **	Own weight kg	11500	12000
add. total weight (depends on braking devices)         kg         16000 / 18600 *         89           Distance between the wheel pares         mm         3110         3110         3110           Length/width         mm         5700 / 2500         5700 / 2500         5700 / 2500           Height to the upper end of the cab         mm         3380         3380         15           Clearance (cultivated crop)         mm         600         600         600           Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         Expression of the cab in the c	Max working weight, in the field kg	22000	22000 6
Distance between the wheel pares         mm         3110         310         310         310         310         310         310         310         310         310         310         310         310         310 <td>add. total weight (depends on braking devices) kg</td> <td>16000 / 18600 *</td> <td>16000 / 18600 *</td>	add. total weight (depends on braking devices) kg	16000 / 18600 *	16000 / 18600 *
Length/width         mm         5700 / 2500         5700 / 2500         500 / 2500           Height to the upper end of the cab         mm         3380         3380         100 / 2500           Clearance (cultivated crop)         mm         600         600         600           Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         650 / 65 R 38 **	Distance between the wheel pares mn	3110	3110
Height to the upper end of the cab         mm         3380         3380         End of the cab         3380         Base of the cab         Mm         600	Length/width mn	5700 / 2500	5700 / 2500
Clearance (cultivated crop)         mm         600         600         #E           Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         650 / 65 R 38 **	Height to the upper end of the cab mn	3380	3380
Rear tyres (max. diameter)         710 / 75 R 42 **         710 / 75 R 42 **         710 / 75 R 42 **           Front tyres (max. diameter)         650 / 65 R 38 **         650 / 65 R 38 **         650 / 65 R 38 **	Clearance (cultivated crop) mn	1 600	900 ji
Front tyres (max. diameter) 650 / 65 R 38 ** 650 / 65 R 38 **	Rear tyres (max. diameter)	710 / 75 R 42 **	710 / 75 R 42 **
		650 / 65 R 38 **	650 / 65 R 38 **