

www.irus.ro

AGRICULTURAL TRACTORS AND EQUIPMENT



IRUM
European
tractors

Why **IRUM**?

safety | continuity | efficiency | custom solutions | comfort

SC IRUM SA
Str. Agentie Seves nr. 6, Reghin, Jud. Mures, Romania
Tel: 004 0365 450 001
Fax: 004 0377 101 411
E-mail: info@irus.ro
www.irus.ro
facebook.com/irusreghin



0119 2603

www.irus.ro



Personally, I have the honour and pleasure to run IRUM, the only factory in the country specialized in the production of agricultural tractors and forestry equipment (TAF).

IRUM Reghin was founded in 1953, with the purpose of manufacturing, maintaining and repairing agricultural and forestry equipment and mechanisms. Since 1969, IRUM began to produce forest tractors and quickly became one of the best manufacturers of such equipment in this part of Europe.

After its full privatization, with MAVIPROD as the main shareholder, IRUM went through successive phases of modernization and retooling, qualification of the workforce and expansion of production capacities. IRUM currently has state-of-the-art technology, and the results very soon became visible. Thus, we can be proud of the fact that our TAFs have come to perform in distant countries or in countries with a long tradition in forest equipment and logging.

The first attempt to enter the agricultural sector was in 2007. Having experience in the construction of forestry tractors, but also due to the desire to meet the Romanian farmers, in 2010 we decided to develop the business also towards the agricultural tractors' area, a totally new and different sector than what we had done before. Thus, we started cooperation with Belarus Tractor and a new project was launched: assembling in Reghin of agricultural tractors under the licence offered by the Belarusian company. The decision was related to the fact that this was a stable partner with a lot of experience and already had a portfolio of products verified and appreciated on the market, which could meet very well the requirements related to the value for money ratio.

The decision to collaborate with Belarus was an inspired one, the results were good, but the desire to produce a Romanian agricultural tractor remained. After a break of

over 10 years and many efforts, through the iFOR Research and Development Centre, we launched the new Romanian Agricultural Tractor – TAGRO.

Our product is a competitive one, which was designed for all farmers, especially for small and medium-sized ones, and the market is intended to be both in Romania and in other countries in Europe. Its performance meets the requirements of the world market, having a competitive price-quality ratio.

In 2020 we launched a new range of IRUM TAG tractors, designed for family farms. This approach is part of our strategy to support the revival of Romanian agriculture. The new range can be used with maximum efficiency in works in the field of vegetable growing, greenhouses, viticulture, fruit growing or in the field, including mowing or raking.

I invite you, with modesty, but also with honour, to try our agricultural tractors.

IRUM, together with me, guarantees you quality, reliability and simplicity in operation and maintenance.

Through the production of machinery and spare parts of the IRUM factory, the Mavi network that provides technical solutions for any machine, the iFOR Research and Development Centre, the over 600 professionally trained people, as well as through the TAF and TAGRO brands, the Mavi group contributes significantly to the development of Romania.

Chairman of the Management Board
General manager of SC IRUM SA
Eng. Mircea Eugen Oltean



TECHNICAL DETAILS

Engine	Diesel F5 FTP (Fiat Power Train), 4 cylinders in-line, common rail, turbocharger and intercooler
Pollution standard	Stage IV final
Cylindrical capacity	3.387 cm ³
Engine power	102 HP (75 kW) at 2200 rot/min
Maximum torque	430 Nm at 1400 rot / min
Air filter	Dried
Fuel tank	110 l
AdBlue tank	20 l
Gearbox	12-speed forward and 12 reverse gear shuttles
Inverting device	Mechanical type
Differential lock	Electrohydraulic
Traction	4 x 4
Traction coupling 4x4	Electrohydraulic
Rear power take-off	Independent with 540 / 1.000 rpm
Hydraulic pump flow	60 l/min
Stacking capacity	4.400 kg
Hydraulic couplings	Two rear pairs
Cab	ROPS and FOPS certified, increased visibility, pneumatic heated seat, seat belt, beacon, windscreen with washer wiper, rear window with deflection, category 2 protection.
Air conditioning system	Automatic
Rear view mirrors	Yes
Working lights	2 front / 2 rear
Radio equipment	Yes
Tires	front 380/85 R 24; rear 460/85 R 34
Mudguards	to front / rear wheels
Net weight	4.000 kg – without counterweight
Length	4.590 mm
Height	2.800 mm ± 50 mm
Width	2.250 mm ± 50 mm
Wheelbase	2.320 mm
Front axle gauge	1.480 - 1.530 mm
Rear axle gauge	1.780 - 1.830 mm
Ground clearance	460 mm
Towing hook	Yes, adjustable in height
Rapid couplings	Category II
OPTIONAL	
Pneumatic system	Air compressor, trailer braking system
Front linkage	Lifting capacity of 2.200 kg
Front linkage with front power take-off (PTO)	Independent with 540 CW, 1.000 CW or 1.000 CCW
Front counterweight	440 kg + front towing device
Additional rear hydraulic couplings	2 pairs
LED headlights package	Yes
Passenger seat	Yes



TECHNICAL CHARACTERISTICS	
	Engine
	Pollution standard
	Cylindrical capacity
	Engine power
	Maximum torque
	Air filter
	Fuel tank
	Gearbox
	Differential lock
	Traction
	Traction coupling 4x4
	Rear power take-off
	Rear power take-off power
	Speed
	Hydrostatic steering system flow
	Hydraulic pump flow
	Stacking capacity
	Rear hydraulic couplings
	Cab
	Air conditioning system
	Rear view mirrors
	Tires
	Mudguards
	Net weight without counterweight
	Length
	Height
	Width
	Wheelbase
	Ground clearance
	Service brake
	Parking brake
	Front counterweight
	Electrical installation
	Passenger seat
	Draw bar

*Height and ground clearance may vary depending on tire size.

Warranty



TAG 24R TAG 24RH	
Diesel engine, 3 cylinders, 3liquid cooled	
Stage V	
1.175 cm³	
24 HP (18 kW)	
65 Nm at 2.100 rpm	
Dry with filtering element	
23 l	
6 speed gears forward and 2 reverse	2-range hydrostatic transmission provides unlimited variable speed from 0-25,8 km/h
mechanical	
4 x 4	
mechanical	electrohydraulic
Independent with 540 / 960 rpm with 6 grooves	
21 HP at 2.600 rpm	
1,02-22,9 km/h	0-25,8 km/h
13 l/min	
18,2 l/min	
650 kg	
1 pair	
No	
No	
Yes	
Front 7-16, fixed rims	
Rear 11,2-20, adjustable rims	
Rear	
923 kg	956 kg
3.122 mm	
2.321 mm*	
1.369 mm	
1.670 mm	
417 mm*	
Multi disc, built-in oil bath (rear axis)	
Manually operated	
3 x 20 kg - integrated towing hook	
12 V general contact, 7 pin socket for trailer, lighting for traffic on public roads	
Mechanical suspension, seat belt	
Fixed	

*Height and ground clearance may vary depending on tire size.

24 months or 1 500 hours of operation

The tractor will be delivered with an identity card issued by the Romanian Auto Registry (RAR card).



TAG 50C TAG 50CH	
Diesel engine, 4 cylinders, liquid cooled	
Stage V	
2.287 cm³	
48 HP (36 kW)	
155 Nm at 1.650 rpm	
Dry with filtering element	
45 l	
Syncro Shuttle, with 12 speed gears forward and 12 reverse	3-range hydrostatic transmission provides unlimited variable speed from 0-27,9 km/h
mechanical	
4 x 4	
mechanical	electrohydraulic
independent, with 584/791 rpm, with 6 grooves	
40 HP (30 kW) at 2.600 rpm	
1,86-27,3 km/h	1,86-27,9 km/h
19 l/min	
42 l/min	
1.500 kg	
2 pairs	
ROPS / FOPS certified, panoramic view	
Yes	
Yes	
Front 9,5-16, fixed rims	
Rear 13,6-26, adjustable rims	
Rear	
1.955 kg	1.951 kg
3.421 mm	
2.463 mm*	
1.460-1.814 mm	
1.806 mm	
391 mm*	
Multi disc, built-in oil bath (rear axis)	
Manually operated	
6 x 17 kg - integrated towing hook	
12 V general contact, 12V socket in-cabin, 7 pin socket for trailer behind the cabin, lightning system for public roads driving	
Mechanical suspension, seat belt	
Fixed	

*Height and ground clearance may vary depending on tire size.

24 months or 1 500 hours of operation

The tractor will be delivered with an identity card issued by the Romanian Auto Registry (RAR card).



TAG 60C TAG 60CH	
Diesel engine, 4 cylinders, liquid cooled	
Stage V	
2.287 cm³	
58 HP (43 kW)	
190 Nm at 1.600 rpm	
Dry with filtering element	
45 l	
Syncro Shuttle, with 12 speed gears forward and 12 reverse	3-range hydrostatic transmission provides unlimited variable speed from 0-27,9 km/h
mecanică	
4 x 4	
mechanical	electrohydraulic
independent, with 584/791 rpm, with 6 grooves	
47,5 HP (35,6 kW) at 2.600 rpm	
1,86-27,3 km/h	1,86-27,9 km/h
19 l/min	
42 l/min	
1.500 kg	
2 pairs	
ROPS / FOPS certified, panoramic view	
Yes	
Yes	
Front 9,5-16, fixed rims	
Rear 13,6-26, adjustable rims	
Rear	
1.955 kg	1.951 kg
3.421 mm	
2.463 mm*	
1.460-1.814 mm	
1.806 mm	
391 mm*	
Multi disc, built-in oil bath (rear axis)	
Manually operated	
6 x 17 kg - integrated towing hook	
12 V general contact, 12V socket in-cabin, 7 pin socket for trailer behind the cabin, lightning system for public roads driving	
Mechanical suspension, seat belt	
Fixed	

*Height and ground clearance may vary depending on tire size.

24 months or 1 500 hours of operation

The tractor will be delivered with an identity card issued by the Romanian Auto Registry (RAR card).

Reversible plough

ALPLER

Model	DPH123	DP123	DP143	DP144	DP145
Number of troops (pcs)	3			4	5
Distance between beams (cm)	80				
Clearance (cm)	75				
Working width (cm)	25-30-35	25-30-35	30-35-40		
Weight (kg)	860	1070	1290	1670	
Power required (HP)	90	110	130	160	
Working depth (cm)	26		28		

MOLDAGROTEHNICA

Model	PRPO 3	PRPO 4	PRPO 5	PRxm 5	PRxm 6
Number of troops (pcs)	2+1	3+1	4+1	4+1	5+1
Distance between beams (cm)	85				
Clearance (cm)	78			90	
Working width (cm)	28-32-36-40			160-250/190-300	
Weight (kg)	740	860	1160	2100	2500
Power required (HP)	90	130	160	180	250



Plough

AGRI SIGEVA

Model	P2-20	P2-25	PR2-20	PRH2-20	PRH2-25
Number of troops	2				
Distance between beams (cm)	50-60	75	50-60		75
Clearance (cm)	50	54	50		54
Working width (cm)	19-23	24-28	19-23		24-28
Weight (kg)	108	146	185	183	240
Power required (HP)	18-35	35-45	25-35		45-50
Working depth (cm)	20	25	20		30
Reversible	No		Yes		



Drill cultivator

EURO-MASZ

Model	AU25	AU27	AU30	AU36	AU42	AU50	AU56
Working width (cm)	2,5	2,7	3,0	3,6	4,2	5,0	5,6
No. times (pcs)	16	18	20	36	42	50	56
Number of rollers (pcs)	1 front + 1 rear			1 front + 2 rear			
Power required (HP)	45-70	60-70	70-100	90-110	100-120	120-150	130-180
Weight (kg)	560	600	630	1250	1350	1550	1640



Chisel plough

MASCHIO GASPARDINO PINOCCHIO

Model	130/3	170/5	200/5	250/5	250/7	300/7
Active organs	3	5	5	5	7	7
Working width (cm)	130	170	200	250	250	300
Max. depth (cm)	45	45	45	45	45	45
Power required (HP)	50-110	70-130	70-130	70-130	100-160	100-160



Disc harrow

ALPLER

Model	BDH22	BDH24	BDH32
Working width (m)	2,7	3,0	4,0
Working speed (km/h)	6 - 10		
Disc diameter (mm)	560		
Number of discs (pcs)	22	24	32
Weight (kg)	1530	1750	2410
Power required (HP)	90-100	100-120	160-220



Disc harrow

BOMET

Model	TYPE "V" 1,8 m	TYPE "X" 2,2 m	TYPE "X" 2,9 m
Working width (m)	1,8	2,2	2,9
Working depth (cm)	60-160	100	
Disc diameter (mm)	460		
Number of elements (pcs)	2	4	4
Number of discs (pcs)	16	24	32
Weight (kg)	370	615	760
Power required (HP)	48	50	65

EURO-MASZ

Model	EBT 27	BT 30	EBT 40	EBT 40 H	EBT 50 H
Working width (m)	2,7	3,0	4,0	4,0	5,0
Working speed (km/h)	8-12				
Disc diameter (mm)	510				
Number of discs (pcs)	20	24	32	36	40
Weight (kg)	1050	1250	1200	2200	2400
Power requirement (HP)	75-120	85-120	100-150	120-170	140-180

Sowing machines

HMS

Model	MIYADISC 19	MIYADISC 23	MIYADISC 27	MIYADISC 31
Number of leg (psc)	19	23	27	31
Working width (mm)	2500	3000	3500	4000
Seed tank volume (l)	340	400	435	465
Fertilizer tank volume (l)	305	370	400	425
Volum buncăr fără fertilizare (l)	655	790	955	1030
Tires	600/16			
Weight (kg)	1070	1250	1440	1590
Power required (HP)	70	80	100	110



Precision planter

ALPLER

Model	4R	6R DD	8R DD
Distance between sections (cm)	45-70		
Volume of bunkers for seeds (l)	4x25	6x25	8x25
Volume of bunkers for fertilizer (l)	2x160	2x200	4x160
PTO (rpm)	540		
Dimensions (mm)	L=3000 l=2000 h=1600	L=4000 l=2000 h=1600	L=5600 l=2000 h=1600
Weight (kg)	1050	1300	1550
Power required (HP)	70	100	110
Sowing coulters type	double disc		
Fertilizer coulters type	double disc / optional patina		
Surface counter	Yes		
Control system	optional		



Agricultural trailer

	IRUM								BICCHI	
Model	MJ251	MJ351	MJ451	MD601	MD801	MT601	MT801	MT1001	BRT125	BRT225
Trailer type	monoax			2 axes		2 tandem axes			monoax	
Payload (kg)	2550	3550	4550	6220	8290	6050	8250	10250	2050	3500
Dimensions (Lxdxh) (m)	L=3,15 l=1,88 h=0,95	L=3,4 l=1,88 h=0,95	L=3,7 l=2,09 h=1	L=4,21 l=2,29 h=1	L=4,21 l=2,29 h=1	L=4,65 l=2,39 h=1	L=4,65 l=2,39 h=1,1	L=4,65 l=2,4 h=1,2	L=2,5 l=1,5 h=0,8	L=2,7 l=1,7 h=0,8
3-part tilting system	Yes									
Braking system	Pneumatic								Inertial	
Tires	10.0/75 15.3	11.5/80 15.3	400/60 15.5	11.5/80-15.3		11.5/80 15.3	400/60 15.5	500/50 17	10.0.75 / 15.3 10PR	
Support foot	mechanic			-		hydraulic			mechanic	



Mower

WITH DISCS						
BELLON						
Model	DL3	DL4 / DL3	DL5	DL6 / DL3	DL7	DL8 / DL3
Working width (mm)	1300	1670	2050	2450	2800	3200
Number of discs (pcs)	3	4	5	6	7	8
Qty knives (pcs)	6	8 / 12	10	12 / 18	14	16 / 24
Power required (CP)	25	35	40	45	50	70
Weight (kg)	310	385	420	460	560	650



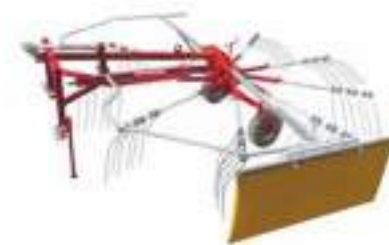
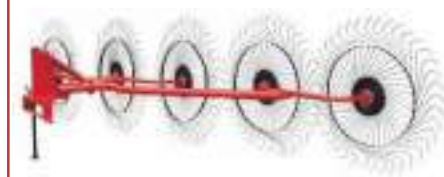
WITH DRUMS

LISICKI				
Model	Z-178/1/1	Z-178/1	Z-178	Z-178/2
Working width (mm)	1000	1350	1650	1850
Number of drums (pcs)	2	2	2	2
Qty knives (pcs)	6	6	6	6
Power required (CP)	16	30	45	55
Weight (kg)	100	310	365	400



Rake

Model	Z-240	Z-250	MT 350
Type	"Sun"		"Spider"
Number of rotors	4	5	1
Rotor diameter (cm)	140	120	350
Number of arms	-		9



Rotary tiller

Model	AGRIMASTER		BOMET			
	F25F/125	U540/4	U540/3	U540	U540/1	U540/2
Working width (m)	1,25	1,2	1,4	1,6	1,8	2,0
Maximum depth (mm)	150	120				
Number of teeth	24	30	36	42	48	54
Number of rotors	6	5	6	7	8	9
Weight (kg)	175	305	320	345	365	400
Power req. (HP)	20	25	30	35	45	55



Solid fertilizer dispersing trailer

IRUM				
Model	MR350	MR450	MR600	MR800
Payload (kg)	3500	4500	6000	8000
Dimensions (Lxdxh) (m)	L=3,8 l=1,8 h=0,5	L=4 l=2 h=0,5	L=4 l=2 h=0,65	L=4,3 l=2,1 h=0,6
Tires	10.5/80 15.3	400/60 15.5	500/50 17	
Support foot	mechanic			-
Number of axes	1 ax			2 tandem axes
Number of drums	2 horizontal			
Power required (HP)	30-50	40-60	60-80	40-80
Pneumatic braking system	optional			included



Slurry tanker

MEPROZET					
Model	PN-30	PN-40	PN-50	PN-1/12A	PN-3/18
Tank capacity (l)	3000	4300	5000	12000	18000
Filling time (min)	2	2,5	3	5	7
Weight (kg)	1020	1250	1350	4200	6670
Tires	11.5x15.3	400/60-15.5	500/50x17	20.5 R22.5	
Power required (HP)	30	40	50	120	180
Dimensions (Lxdxh) (mm)	L=4100 l=1880 h=2310	L=5080 l=1920 h=2310	L=5080 l=2100 h=2410	L=6800 l=2550 h=3100	L=8895 l=2700 h=3560



Baler

CUBE BALER		
SIPMA		
Model	PK 4000 KOSTKA	PK 4010 KOSTKA
Pick-up width (mm)	1780	
Bale length - smooth adjustment (mm)	300-1300	
Power required (HP)	38	
Propylene twine (m/kg)	300-400	
Dimensions (mm)	L=4900; l=2500; h=1600	
Weight (kg)	1555	1560



ROUND BALER

Model	MASCHIO GASPARD	URSUS
	ENTRY 120	Z-543
Pick-up width (mm)	2000	1900
Bale dimension (mm)	1200x1200	
Pickup	Hydraulic	
PTO	540 rpm	
Power required (HP)	40	50
Binding system	twine / net	
Dimensions (mm)	L=3000 l=2150 h=2000	L=3535 l=2450 h=2100

Front-end loader

IRUM							
Model	S900	01-MM	01	02	03	BL05SL QBDE	BL45SL QB
Lifting height (mm)	2250	3220	3100	3570	3900	2350	3003
Lifting capacity (kg)	800	1300		1600		640	1190
Joystick	Yes						
Volume bucket (mm)	1400			2000		1400	2000
Compatible	321, 320.4, 422.1, TAG 50C, TAG 50CH, TAG60C, TAG 60CH	422.4, 622	Hattat C3080	820, 892, 952, 1025, Hattat A110 TAGRO	1221, 1221.3	TAG 24R, TAG 24RH	TAG 74C



Snow blade

IRUM				
Model	MT 1850	MT 2600	MT 2600 V	MT 2600 V PRO-M
Working width (mm)	1850	2600		
Height (mm)	750	990		
Weight (kg)	320	530	580	
Blade type	Straight			V
Gauge light installation	Yes		No	Yes
Adjustable copy wheel	No	Yes	No	Yes
L/R hydraulic adjustment	30°	35°		



Snowblower

AKPIL		
Model	STRATUS 1	STRATUS 2
Working width (mm)	2200	2200
Number of snails (pcs)	1	2
Weight (kg)	450	600
Power required (HP)	70	80
PTO drive	Yes	
Hydraulic adjustment	Optional	



Front loader accessories

IRUM	
Bucket with teeth 1.4-2 m	Pit silage grab 1.5-1.8 m
Bucket without teeth 1.4-2 m	Silage bucket 1.5-1.8 m
Bale grapple up to 1800 mm	Multifunctional bucket
Mixed pallet/bale fork	Snow blade
	Grapple



Street sweeper

IRUM				
Model	MT 1,6	MT 1,8	MT 2	MT 2,4
Working width (mm)	1600	1800	2000	2400
Brush diameter (mm)	520			
Mode of operation	hydraulic			
3-point grip system	front/rear			
Power required (HP)	30	40	60	80
Side brush	optional			
Water tank	standard			



Snow plow / Grader

SPADEX		
Working width (mm)	2700	3000
Equipment type	mounted	semi-mounted
Blade type	rubber	metal
Blade rotation adjustment	mechanic	hydraulic
Left/right adjustment	180°	



Non-slip spreader

Model	COSMO		HYDRAMET	
	PLS 500	PIAS 1.8	PIAS 2.1	PIAS 2.4
Volume (l)	500	750	850	1500
Weight (kg)	63	400	500	700
Spread width (m)	1-13	1,8	2,1	2,4
Power required (HP)	20	90	100	130
Structure	Plastic cone, stainless steel parts		High quality steel	
Dosage adjustment	Mechanic		Hydraulic	
Self-loading system	No		Yes	



Forestry adaptation

IRUM

Window grille	Door grille
Projector grille	Grille for turn signals / taillights
2 hood bumpers	Reinforced rims



Forestry winch

TAJFUN

Model	EGV 35 A	EGV 45 A	EGV 45 AHK	EGV 55 AHK	EGV 65 AHK	EGV 85 AHK	EGV 105 AHK	DGV 2x55 AHK
Traction force (kN)	35	45		55	65	85	105	2x55
Braking force (kN)	44	56		69	81	106	125	2x69
Transmission ratio	1:7,5	1:8,89			1:10,8	1:10,66	1:12,1	1:9,06
Weight without cable (kg)	240	330	350	365	540	590	800	690
Maximum cable length	Ø9 - 63m Ø10 - 68m Ø11 - 55m	Ø10 - 94m Ø11 - 78m Ø12 - 61m		Ø11 - 78m Ø12 - 118m Ø13 - 89m		Ø13 - 110m Ø14 - 106m Ø15 - 86m	Ø14 - 130m Ø16 - 110m Ø18 - 82m	Ø11 - 78m Ø12 - 61m Ø13 - 56m
Shield width (mm)	1210	1400		1800	2050	2300	2200	
Height (mm)	2000			2300				



Firewood processor

TAJFUN

Model	RCA 320	RCA 380	RCA 400	RCA 480 JOY
Length of cut log (cm)	25-50			
Max. diameter of log (cm)	10-32	10-38	5-40	5-48
Sawbar	Oregon 16"	Oregon 17"	Oregon 24"	
Splitting force (t)	10	15	25	
Power required (HP)	40 for operating the machine min. 80 for transportation			
Dimensions (Lxbxh) (mm)	L=2350 l=1300 h=2390	L=2350 l=1400 h=2360	L=2350 l=1400 h=2480	L=2410 l=1600 h=2330



Log splitter

ZANON

Model	SLE9	SVT12	SVT14	SVT 16/20 EcoLine	SOT16	SVT25
Splitting force (t)	9	12	14	16/20	16	25
Maximum length of log (cm)	50	67/122	110	67/110	110	
Weight (kg)	100	220	225	360/365	250-275	650
Power required (HP)	30-60	30-90				40-100
Type	Vertical			Horizontal	Vertical	



Forestry trailer with loading arm

FTG

Model	FB 50 arm FB42L	FB 70 arm FB53	FB 90 arm FB63	FB 90 2WD arm FB63T	FB 100 arm FB69T
Payload capacity (kg)	5000	7000	9000	10000	
Loading length (m)	2,9	3,7	3,7 (4,35 with extension)	4,28 (4,65 ext.)	
Tires	11.5/80-15.3	400/60-15.5			
Arm length (m)	4,2	5,3	6,3	6,9	
Lifting capacity at maximum length	500 kg (net)	510 kg (net)	455 kg (net)	490 kg (net)	



Mulcher

ZANON

Model	TFX1300	TFX1500	TFX1700	TFX1900
Working width (mm)	1300	1500	1700	1900
Weight (kg)	260	290	320	350
Number of hammers (pcs)	36/18	44/22	48/24	56/28

Model	TMO1300	TMO1500	TMO1700	TMO2250
Working width (mm)	1300	1500	1700	2250
Weight (kg)	300	340	380	1260
Number of hammers (pcs)	36/18	44/22	48/24	40

Model	TRF1700	TFA2000	TFZ2250	TFZ2500
Working width (mm)	1700	2000	2250	2500
Weight (kg)	400	620	532	590
Number of hammers (pcs)	48/24	48/24	56/28	64/32

Model	XB 130 S	GREEN SHARK 450-100
Working width (mm)	1320	1000
Weight (kg)	202	460
Number of hammers (pcs)	16	32
Arm length (cm)	-	468



Front linkage

Model	MT	MT mini	DAKOTA	LESNIK	ZUIDBERG
Number of cylinders	2				
Lifting capacity (kg)	1500	500	1100	2500	2200
Compatible models	820	422.1	820; 892; 952; 1025	Hattat AT10; T4100	TAGRO



Backhoe

DANIELE GIRAUDO

Model	DG150R	DG200R	DG250R	DG300R
Digging depth (mm)	2100	2500	2945	3315
Unloading height (mm)	1750	2100	2500	2895
Digging distance (mm)	2900	3300	3810	4345
Weight (kg)	510	600	770	940
Power required (HP)	50-80	60-90	70-100	120-180
Chassis width (mm)	1500	1500	1800	2000
Standard bucket (mm)	300	400	500	



IRUM sells original spare parts for **the entire range of TAGRO, TAG and BELARUS tractors.**

Engine



Transmission



Cooling system



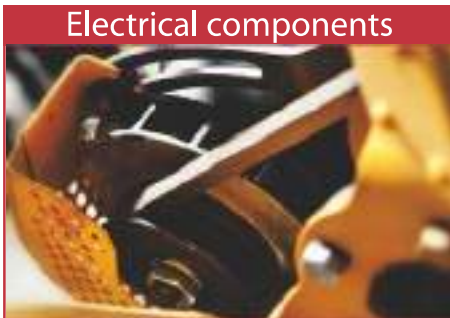
Gearbox



Clutch



Electrical components



Braking system



Consumables and accessories



Service and maintenance

IRUM offers full service, warranty, and post-warranty services, providing original spare parts for TAGRO, TAG and BELARUS agricultural tractors.

The Technical Support Service is available 24/24 hours, ensuring national coverage, having several intervention teams, equipped with specific diagnostic and intervention equipment, ready to come to your aid.



Research and Development Centre for Agricultural and Forestry Equipment

IRUM Reghin inaugurated on September 11, 2015, the iFOR Research and Development Centre, the first entity of its kind established by a Romanian entrepreneur after 1990, in the field of agribusiness and forestry. iFOR means an investment of EUR 2.66 million, achieved in 21 months, partly financed by a European project, amounting to EUR 1.43 million, of which non-refundable EUR 496.000.

Following the upward course of development in recent years, SC IRUM SA has moved to a new upper phase, focusing on the ever-increasing introduction of Information technology and the accumulation of new knowledge. The team of the centre consisting of sciences PhDs, engineers and technicians is able to develop concrete solutions, optimized for a wide range of agricultural and forestry equipment with superior technical economic characteristics, capable to meet the productivity requirements.



TAF 35



IRUM

Transylvanian
tractors

www.irum.ro

40% more powerful, a new and proper design, redesigned cabin for the best possible comfort for the operator and for his safety, many improvements in the technical area.

ENGINE

Engine	Perkins 4 cyl Common Rail Turbo
Emissions	Tier 5
Output	100 kW (136 HP) / 2200 rpm
Max torque	550 Nm @ 1500 rpm
Capacity	3,6 l

HYDRAULICS

Pump output	37,9 cm ³ / rot
Working pressure	210 bar
Tank	100 l

WINCH

Standard	IRUM double-drum air operated 2x/T
Optional	TCM double drum hydraulic operated 2x14T

BRAKE

Multi-disc brake system in oil bath
Spring parking brake (SAHR)

STEERING

36° articulated steering

TYPES

Standard	18.4x26
Optional	23.1x26

TRANSMISSION

2 options	Powershift transmission Allison
	Manual transmission Eaton
2 step transfer gearbox	

DIMENSIONS

Vehicle length	max 6300 mm
	minim 6000 mm
Vehicle width	max 2750 mm
	minim 2250 mm
Vehicle height	max 3000 mm
	minim 2800 mm
Front overhang	max 2200 mm
	minim 1580 mm
Front attack angle	
Blade on chasis	32,35°
Blade on pivoting axle	29,42°
Rear overhang	max 1200 mm
	minim 900 mm
Max departure angle	
Mobile shield option	37,6°
Fixed shield	32,7°
Ground clearance	
Maxim (23.1/26)	500 mm
Minim (18.4/26)	400 mm
Wheelbase	2930 mm
Track	max 2155 mm
	minim 1950 mm
Chasis steering	37,6°
Minimum turning radius (exterior)	5900 mm

AXLES

2 options	9.2 to NAF planetary axles
	14 to IRUM planetary axles
Differential lock	
Pivoting front axle	

ELECTRICS

12V, 120A alternator

INSTRUMENTS

Tachometer with operating hour counter, coolant temperature, tank gauge, indicator lights
Secondary screen with vehicle air pressure, gearbox status, engine load

EQUIPMENT

Front blade	Chasis mounted front blade
Rear shield	With mounting on pivoting front axle
	Mobile
Optional	Fixed with under chasis anchoring blade
	Rear grapple

SPECIAL EQUIPMENT

Winch radio control
Clamping claws for front blades
Extra working lights
Trailer hitch
Trailer braking system

WEIGHT

Base vehicle weight	max 9300 kg
*Vehicle weight is directly related to the final configuration of the application	minim 8500 kg
Axle weight distribution	
Front axle	5000 - 5500 kg
Rear axle	3500 - 4000 kg
	12000 kg
Max permissible load	
Front axle	7000 kg
Rear axle	7000 kg
Axle weight distribution limits	
Front axle	minim 30%
Rear axle	minim 30%

SPEED

Max speed declared	30 km/h
Max reverse speed	5 km/h

FUEL TANK

Diesel tank	90 l
AdBlue tank	19 l

CABIN

Rubber-mounted, soundproofed
ROPS,OPS, FOPS homologated
Heated seat with air suspension
Cabin heating
Scratch resistant polycarbonate windows
Air conditioning

www.irus.ro

IRUM dealers

FRANCE
BELGIUM
LUXEMBOURG
GERMANY
HUNGARY
BULGARIA
POLAND
SPAIN
PORTUGAL
SLOVAKIA
SOUTH AFRICA
CHILE
BRAZILIA
URUGUAY
ARGENTINA
PARAGUAY
BOLIVIA
COLUMBIA
ECUADOR
PERU
VENEZUELA
PANAMA
GUATEMALA
COSTA RICA
GUYANA
SURINAME
FRENCH GUYANA
HONDURAS
NICARAGUA
MEXICO



S.C. IRUM S.A.
Axente Sever 6
Reghin, 545300, RO
Telefon
004-0365-450.001
Fax
004-0377-101.431
E-mail
office@irus.ro



V2-04-2022



IRUM
European
tractors



TAF 690 S5



www.irus.ro



ENGINE

Engine	Perkins 4 cyl. Common Rail Turbo
Emissions	Tier 5
Output	100 kW (136 HP) / 2200 rpm
Max torque	550Nm @ 1500rpm
Capacity	3.6 liters

HYDRAULICS

Pump output	37.9 cm ³ / rot
Working pressure	210 bar
Tank	100 liters

WINCH

Standard	IRUM double-drum air operated 2x7T
Optional	TCM double drum hydraulic operated 2x14T

BRAKE

Multi-disk braking system in oil
Spring-loaded parking brake (SAHR)

STEERING

36° articulated steering

TYRES

Standard	18.4x26
Optional	23.1x26

AXLES

2 options	NAF planetary axles 9.5 t
	IRUM planetary axles 14 t
Differential lock	
Pivoting front axle	

ELECTRICS

12V, 120A alternator

INSTRUMENTS

Tachometer with operating hour counter, coolant temperature, tank gauge, indicator lights
Secondary screen with vehicle air pressure, gearbox status, engine load

EQUIPMENT

Front blade	Chasis mounted front blade
	With mounting on pivoting front axle
Rear shield	Mobile
	Fixed with under chasis anchoring blade
Optional	Rear grapple

SPECIAL EQUIPMENT

Winch radio control
Clamping claws for front blades
Extra working lights
Trailer hitch
Trailer braking system



TRANSMISSION

2 options	
PowerShift transmission	Allison 6+1
Manual transmission	Eaton 5+1
2 step transfer gearbox	

DIMENSIONS

Vehicle length	max 6300 mm
	minim 6000 mm
Vehicle width	max 2750 mm
	minim 2250 mm
Vehicle height	max 3000 mm
	minim 2800 mm
Front overhang	max 2200 mm
	minim 1580 mm
Front attack angle	
Blade on chasis	32,35°
Blade on pivoting axle	29,42°
Rear overhang	max 1200 mm
	minim 900 mm
Max departure angle	
Mobile shield option	37,6°
Fixed shield	32,7°
Ground clearance	
Maxim (23.1/26)	500 mm
Minim (18.4/26)	400 mm
Wheelbase	2930 mm
Gauge	max 2155 mm
	minim 1950 mm
Chasis steering	37,6°
Minimum turning radius (exterior)	5900 mm



WEIGHT

Base vehicle weight	max 9300 kg
<i>*Vehicle weight si directly related to the final configuration of the application</i>	minim 8500 kg
Axle weight distribution	
Front axle	5000 - 5500 kg
Rear axle	3500 - 4000 kg
Max permissible load	12000 kg
Max load per axle	
Front axle	7000 kg
Rear axle	7000 kg
Axle weight distribution limits	
Front axle	minim 30%
Rear axle	minim 30%

SPEED

Max speed declared	30 km/h
Max reverse speed	5 km/h

FUEL TANK

Diesel tank	90 liters
AdBlue tank	19 liters

CABIN

Rubber-mounted, soundproofed
ROPS,OPS, FOPS homologated
Heated seat with air suspension
Cabin heating
Scratch resistant polycarbonate windows
Optional Air conditioning