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AGRICULTURAL TRACTORS AND EQUIPMENT



IRUM
European
tractors

Why IRUM?

safety | continuity | efficiency | custom solutions | comfort

SC IRUM SA
Str. Avante Sever, nr. 6, Reghin, jud. Mures, Romania
Tel.: 004 0365 450 001
Fax: 004 0377 101 431
E-mail: agro@irusm.ro
www.irusm.ro
facebook.com/irusmreghin



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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



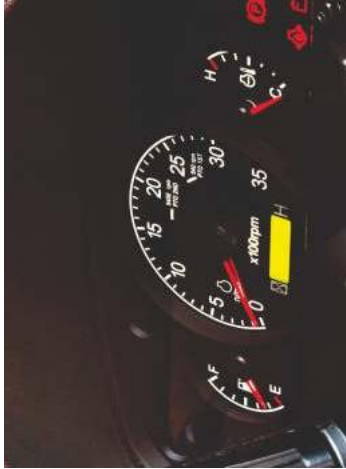
TECHNICAL DETAILS

TAGRO 102

Diesel F5 FTP (Flat Power Train), 4 cylinders in-line, common rail, turbocharger and intercooler

Stage IV final	3,387 cm ³
102 HP (75 kW) at 2200 rot/min	
430 Nm at 1400 rot / min	
Dried	
110 l	
20 l	
12-speed forward and 12 reverse gear shuttles	
Mechanical type	
Electrohydraulic	
4 x 4	
Electrohydraulic	
Independent with 540 / 1,000 rpm	
60 l/min	
4,400 kg	
Two rear pairs	
ROPS and FOPS certified, increased visibility, pneumatic heated seat, seat belt, beacon, windscreen with washer wiper, rear window with deflection, category 2 protection.	
Automatic	
Yes	
2 front / 2 rear	
Yes	
front 380/85 R 24; rear 460/85 R 34	
to front / rear wheels	
4,000 kg – without counterweight	
4,590 mm	
2,800 mm ± 50 mm	
2,250 mm ± 50 mm	
2,320 mm	
1,480 - 1,530 mm	
1,780 - 1,830 mm	
460 mm	
Yes, adjustable in height	
Category II	
Air compressor, trailer braking system	
Lifting capacity of 2,200 kg	
Independent with 540 CV, 1,000 CV or 1,000 CW	
440 kg + front towing device	
2 pairs	
Yes	
Yes	

Pollution standard	Engine
Cylindrical capacity	
Engine power	
Maximum torque	
Air filter	
Fuel tank	
AdBlue tank	
Gearbox	
Inverting device	
Differential lock	
Traction	
Traction coupling 4x4	
Rear power take-off	
Hydraulic pump flow	
Stacking capacity	
Hydraulic couplings	
Cab	
Air conditioning system	
Rear view mirrors	
Working lights	
Radio equipment	
Tires	
Mudguards	
Net weight	
Length	
Height	
Width	
Wheelbase	
Front axle gauge	
Rear axle gauge	
Ground clearance	
Towing hook	
Rapid couplings	
OPTIONAL	
Pneumatic system	
Front linkage	
Front linkage with front power take-off (PTO)	
Front counterweight	
Additional rear hydraulic couplings	
LED headlights package	
Passenger seat	



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, liquid cooled	
Stage V	
1.175 cm ³	
24 HP (18 kW)	
65 Nm at 2.100 rpm	
Dry with filtering element	
23 l	
2-range hydrostatic transmission provides unlimited variable speed from 0-25,8 km/h	
6 speed gears forward and 2 reverse	
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	
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	
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 cm ³	
48 HP (36 kW)	
155 Nm at 1.650 rpm	
Dry with filtering element	
45 l	
3-range hydrostatic transmission provides unlimited variable speed from 0-27,9 km/h	
Syncro Shuttle, with 12 speed gears forward and 12 reverse	
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 cm ³	
58 HP (43 kW)	
190 Nm at 1.600 rpm	
Dry with filtering element	
45 l	
3-range hydrostatic transmission provides unlimited variable speed from 0-27,9 km/h	
Syncro Shuttle, with 12 speed gears forward and 12 reverse	
mechanical	
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		80	4	5
Distance between beams (cm)	75				
Clearance (cm)	25-30-35/25-30-35				
Working width (cm)	860	1070	1290	1670	30-35-40
Weight (kg)	90	110	130	160	
Power required (HP)	26				
Working depth (cm)	28				
MOLDA GROTEHNICA					
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				
Working width (cm)	28-32-36-40				
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	50-60	75
Clearance (cm)	50	54	50	50	54
Working width (cm)	19-23	24-28	19-23	19-23	24-28
Weight (kg)	108	146	185	183	240
Power required (HP)	18-35	35-45	25-35	45-50	45-50
Working depth (cm)	20	25	20	30	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 GASPARDO PINOCCCHIO									
Model	130/3	170/5	200/5	250/5	300/7	300/7			
Active organs	3	5	5	5	7	7			
Working width (cm)	130	170	200	250	300	300			
Max. depth (cm)	45	45	45	45	45	45			
Power required (HP)	50-110	70-130	70-130	100-160	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 buncar 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=4000 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 coultter type	double disc				
Fertilizer coultter type	double disc / optional patina				
Surface counter	Yes				
Control system	optional				



Agricultural trailer

Model	IRUM					BICCHI	
	MJ251	MJ351	MJ451	MD601	MD801	MT601	MT1001
Trailer type	monoax		2 axes			2 tandem axes	
Payload (kg)	2550	3550	4550	6220	8290	6050	8250
Dimensions (LxHxh) (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=1,1	L=4,65 l=2,4 h=1,2
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
Support foot	mechanic						hydraulic mechanic



Rotary tiller

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



Mower

Model	WITH DISCS						
	BELLON						
	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	



Mower

Model	WITH DRUMS				
	LISICKI				
	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	



Slurry tanker

Model	MEPROZET				
	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 (LxHxh) (mm)	L=4100 l=1880 h=2310	L=5080 l=1920 h=2310	L=5080 l=2100 h=2410	L=6800 l=2700 h=3100	L=8895 l=2700 h=3560



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



Baler

CUBE BALER			PK 4010 KOSTKA
SIPMA			
Model		PK 4000 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

	MASCCHIO GASPARDO		URSUS
Model	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=2450		L=3535 l=2450 h=2100

Front-end loader

Model	IRUM					BL45SL QB
	S900	01-MM	01	02	03	
Lifting height (mm)	2250	3220	3100	3570	3900	3003
Lifting capacity (kg)	800	1300		Yes	1600	1190
Joystick						
Volume bucket (mm)		1400		2000	1400	2000
Compatible	321, 320.4, 422.1, TAG 50C, TAG 50CH, 1160C, 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

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



Snowblower

Model	AKPIL					STRATUS 1 STRATUS 2
Working width (mm)						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	



Snow plow / Grader

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



Non-slip spreader

Model	COSMO					HYDRAMET
	PLS 500	PIAS 1.8	PIAS 2.1	PIAS 2.1	PIAS 2.4	
Volume (l)	500	750	850	1500	1500	
Weight (kg)	63	400	500	700	700	
Spread width (m)	1-13	1.8	2.1	2.4	2.4	
Power required (HP)	20	90	100	130	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



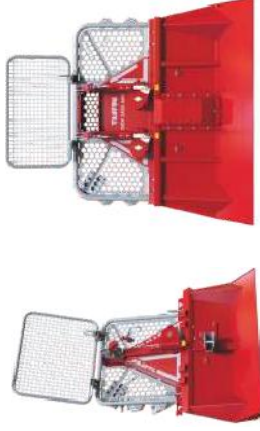
Forestry trailer with loading arm

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	9000	10000
Loading length (m)	2.9	3.7	3.7 (4.35 with extension)	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	6.3	6.9
Lifting capacity at maximum length	500 kg (net)	510 kg (net)	455 kg (net)	455 kg (net)	490 kg (net)



Forestry winch

TAJFUN									
Model	EGV 35 A	EGV 45 A	EGV 55 A	EGV 65 A	EGV 85 A	EGV 105 A	EGV 125 A	EGV 150 A	EGV 175 A
Traction force (kN)	35	45	55	65	85	105	125	150	175
Braking force (kN)	44	56	69	81	106	125	150	175	200
Transmission ratio	1/7,5	1/8,89			1/10,8		1/10,66		1/9,06
Weight without cable (kg)	240	330	350	365	540	800	690	690	690
Maximum cable length	Ø9-18m Ø10-26m Ø11-35m	Ø10-26m Ø11-28m Ø12-30m				Ø11-28m Ø12-30m Ø13-32m Ø14-36m Ø15-40m Ø16-44m Ø17-48m Ø18-52m Ø19-56m Ø20-60m Ø21-64m Ø22-68m Ø23-72m Ø24-76m Ø25-80m Ø26-84m Ø27-88m Ø28-92m Ø29-96m Ø30-100m Ø31-104m Ø32-108m Ø33-112m Ø34-116m Ø35-120m Ø36-124m Ø37-128m Ø38-132m Ø39-136m Ø40-140m Ø41-144m Ø42-148m Ø43-152m Ø44-156m Ø45-160m Ø46-164m Ø47-168m Ø48-172m Ø49-176m Ø50-180m Ø51-184m Ø52-188m Ø53-192m Ø54-196m Ø55-200m Ø56-204m Ø57-208m Ø58-212m Ø59-216m Ø60-220m Ø61-224m Ø62-228m Ø63-232m Ø64-236m Ø65-240m Ø66-244m Ø67-248m Ø68-252m Ø69-256m Ø70-260m Ø71-264m Ø72-268m Ø73-272m Ø74-276m Ø75-280m Ø76-284m Ø77-288m Ø78-292m Ø79-296m Ø80-300m Ø81-304m Ø82-308m Ø83-312m Ø84-316m Ø85-320m Ø86-324m Ø87-328m Ø88-332m Ø89-336m Ø90-340m Ø91-344m Ø92-348m Ø93-352m Ø94-356m Ø95-360m Ø96-364m Ø97-368m Ø98-372m Ø99-376m Ø100-380m Ø101-384m Ø102-388m Ø103-392m Ø104-396m Ø105-400m Ø106-404m Ø107-408m Ø108-412m Ø109-416m Ø110-420m Ø111-424m Ø112-428m Ø113-432m Ø114-436m Ø115-440m Ø116-444m Ø117-448m Ø118-452m Ø119-456m Ø120-460m Ø121-464m Ø122-468m Ø123-472m Ø124-476m Ø125-480m Ø126-484m Ø127-488m Ø128-492m Ø129-496m Ø130-500m Ø131-504m Ø132-508m Ø133-512m Ø134-516m Ø135-520m Ø136-524m Ø137-528m Ø138-532m Ø139-536m Ø140-540m Ø141-544m Ø142-548m Ø143-552m Ø144-556m Ø145-560m Ø146-564m Ø147-568m Ø148-572m Ø149-576m Ø150-580m Ø151-584m Ø152-588m Ø153-592m Ø154-596m Ø155-600m Ø156-604m Ø157-608m Ø158-612m Ø159-616m Ø160-620m Ø161-624m Ø162-628m Ø163-632m Ø164-636m Ø165-640m Ø166-644m Ø167-648m Ø168-652m Ø169-656m Ø170-660m Ø171-664m Ø172-668m Ø173-672m Ø174-676m Ø175-680m Ø176-684m Ø177-688m Ø178-692m Ø179-696m Ø180-700m Ø181-704m Ø182-708m Ø183-712m Ø184-716m Ø185-720m Ø186-724m Ø187-728m Ø188-732m Ø189-736m Ø190-740m Ø191-744m Ø192-748m Ø193-752m Ø194-756m Ø195-760m Ø196-764m Ø197-768m Ø198-772m Ø199-776m Ø200-780m Ø201-784m Ø202-788m Ø203-792m Ø204-796m Ø205-800m Ø206-804m Ø207-808m Ø208-812m Ø209-816m Ø210-820m Ø211-824m Ø212-828m Ø213-832m Ø214-836m Ø215-840m Ø216-844m Ø217-848m Ø218-852m Ø219-856m Ø220-860m Ø221-864m Ø222-868m Ø223-872m Ø224-876m Ø225-880m Ø226-884m Ø227-888m Ø228-892m Ø229-896m Ø230-900m Ø231-904m Ø232-908m Ø233-912m Ø234-916m Ø235-920m Ø236-924m Ø237-928m Ø238-932m Ø239-936m Ø240-940m Ø241-944m Ø242-948m Ø243-952m Ø244-956m Ø245-960m Ø246-964m Ø247-968m Ø248-972m Ø249-976m Ø250-980m Ø251-984m Ø252-988m Ø253-992m Ø254-996m Ø255-1000m Ø256-1004m Ø257-1008m Ø258-1012m Ø259-1016m Ø260-1020m Ø261-1024m Ø262-1028m Ø263-1032m Ø264-1036m Ø265-1040m Ø266-1044m Ø267-1048m Ø268-1052m Ø269-1056m Ø270-1060m Ø271-1064m Ø272-1068m Ø273-1072m Ø274-1076m Ø275-1080m Ø276-1084m Ø277-1088m Ø278-1092m Ø279-1096m Ø280-1100m Ø281-1104m Ø282-1108m Ø283-1112m Ø284-1116m Ø285-1120m Ø286-1124m Ø287-1128m Ø288-1132m Ø289-1136m Ø290-1140m Ø291-1144m Ø292-1148m Ø293-1152m Ø294-1156m Ø295-1160m Ø296-1164m Ø297-1168m Ø298-1172m Ø299-1176m Ø300-1180m Ø301-1184m Ø302-1188m Ø303-1192m Ø304-1196m Ø305-1200m Ø306-1204m Ø307-1208m 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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 b=1300 h=2390	L=2350 b=1400 h=2360	L=2350 b=1400 h=2480	L=2410 b=2410 h=2330



Log splitter

ZANON					
Model	SLE9	SVT12	SVT14	SVT16/20 Ecoline	SVT25
Splitting force (t)	9	12	14	16/20	25
Maximum length of log (cm)	50	67/122	110	67/110	110
Weight (kg)	100	220	225	360/365	250-275
Power required (HP)	30-60	30-90	30-90	40-100	40-100
Type	Vertical		Horizontal		



Front linkage

DANIELE GIRAUDO					
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 A110; T4100	TAGRO



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



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 S5



IRUM
Transylvanian
tractors

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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 2x7T
Optional	TCM double drum hydraulic operated 2x14T

BRAKE

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

STEERING

36° articulated steering

TYRES

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
	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

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

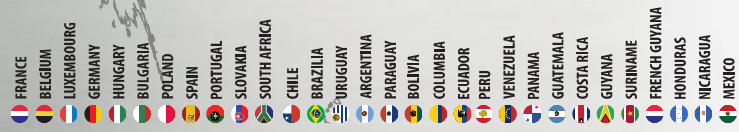
Diesel tank	90 l
AdBlue tank	19 l

CABIN

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

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IRUM
European
tractors



TAF 690 S5



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Telefon
004-0365-450.001
Fax
004-0377-101.431
E-mail
office@irim.ro

www.irim.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



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 is 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