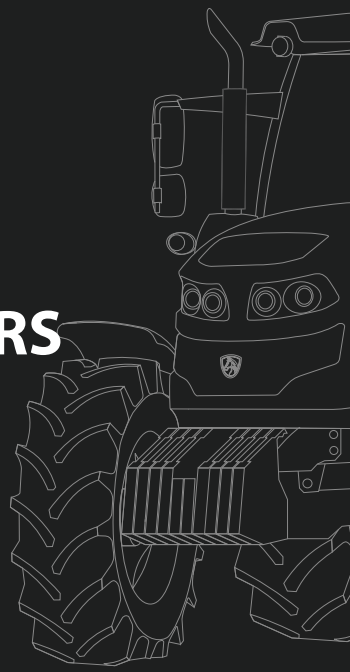
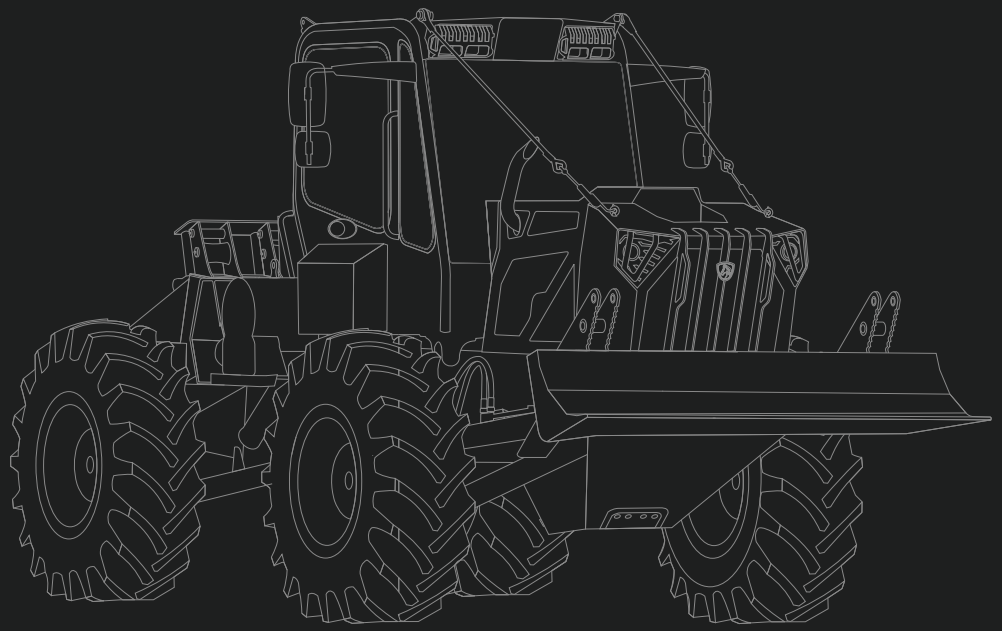
IRUM
Transylvanian tractors

AGRICULTURA TRACTORS AND FORESTRY MACHINERY





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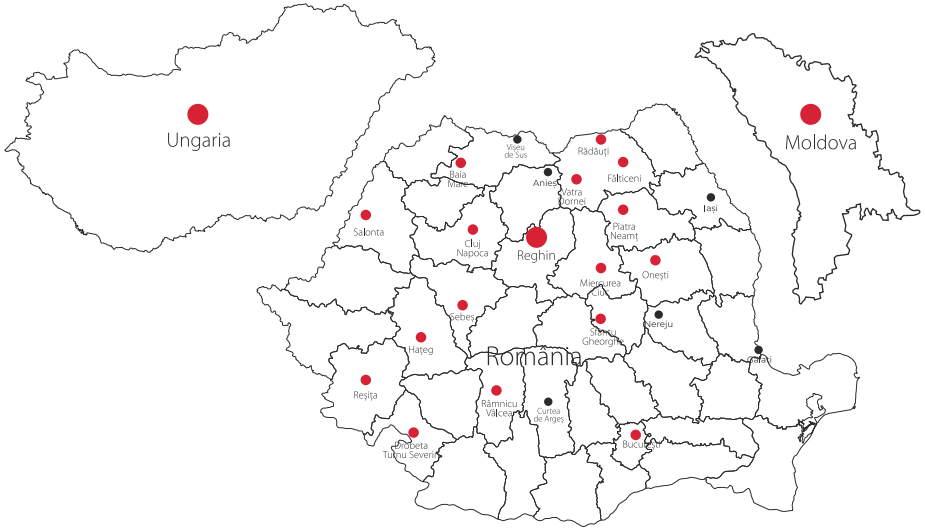
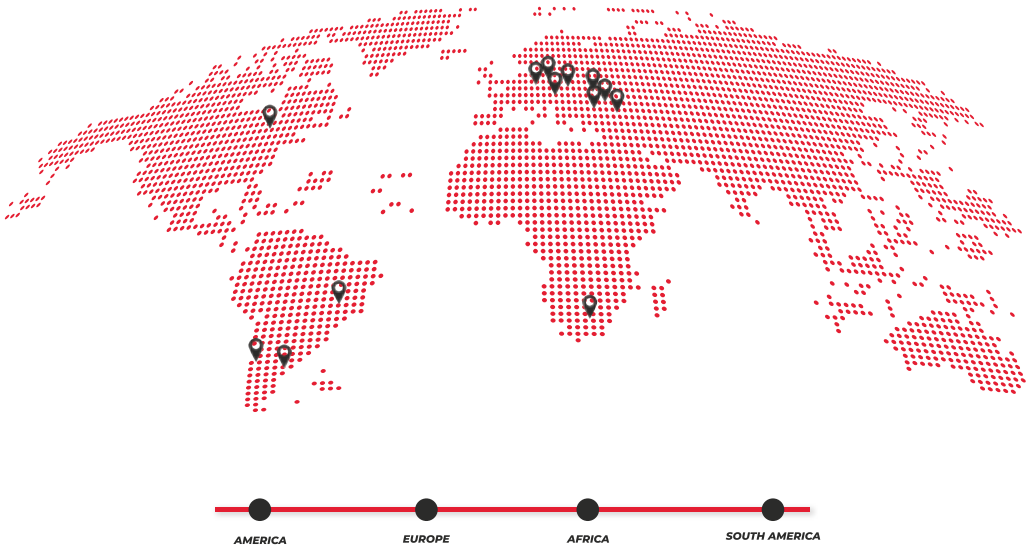
Made in **Romania**

www.irum.ro





Belgium
Poland
Slovakia
Hungary
Bulgaria
Luxemburg
France
South Africa

Mexic
Guatemala
Honduras
Nicaragua
Costa Rica
Panama
Columbia
Ecuador

Peru
Venezuela
Guyana
Suriname
French Guyana
Brazil
Bolivia
Chile

Argentina
Uruguay
Paraguay

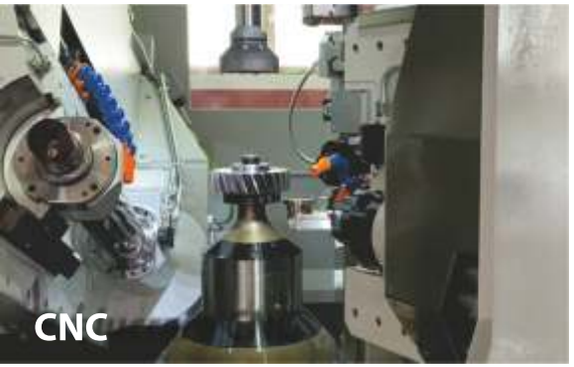
CHARACTERISTICS

Engine	F36 FPT (FiatPowerTrain), 4 cylinders in-line, common rail, with turbo-compressor and intercooler
Pollution standard	Stage V
Cylindrical capacity	3.595 cm^3
Power	102 HP (75 kW)
Maximum torque	430 Nm to 1.400 rpm
PTO clutch activation	Hydraulic
Fuel tank	110 l
AdBlue tank	20 l
Gearbox	Full Synchro Shuttle, 12 forward/reverse speed gear shuttles
Mechanical inverter	Yes, 12+12 R
Differential lock	Electrohydraulic
Traction	4 x 4
4x4 traction coupling	Electrohydraulic
Rear power take-off	Independent with 540 / 1000 rpm
Main flow pump	60 l/min
Max. lift capacity	4.400 kg
Rear hydraulic couplings	3 pairs
Cabin	ROPS and FOPS certified, high visibility structure, heated seat and cushion with pneumatic suspension, seat belt, beacon, windscreen with washer wiper, rear window with defrost grill
Climatronic	Yes
Rear view mirrors	Yes
Working lights	2 front / 2 rear
Audio package	Yes
Tires	Front 380 / 85 R24; rear 460 / 85 / R34
Mud protections	Front (active guards) / rear (fixed guards)
Net weight	4.000 kg - without counterweights
Total length	Min. 3.900 mm - max. 4.590 mm
Height	2.850 mm ± 50 mm
Widht	2.300 mm ± 50 mm
Wheel base	2.320 mm
Slow start system	Back PTO
Autolift system	Yes
Ground clearance	460 mm
Towing hook	Adjustable on the height
Rear linkage	Category II
OPTIONAL	
Pneumatic system	Air compressor, trailer braking system
Front linkage	Lifting capacity of2.200 kg
Front linkage with front	Independent with 540 CW, 1000 CW on command
Front counterweights	460 kg + support + front towing pin
Additional remote valves	Max. 2 pairs
LED headlights package	Yes
Supplementary lights	2 front / 2 rear
Passanger seat	Yes
Warranty	Engine: 24 months or 1 500 hours of operation. Tractor: 24 months or 1 000 hours of operation.

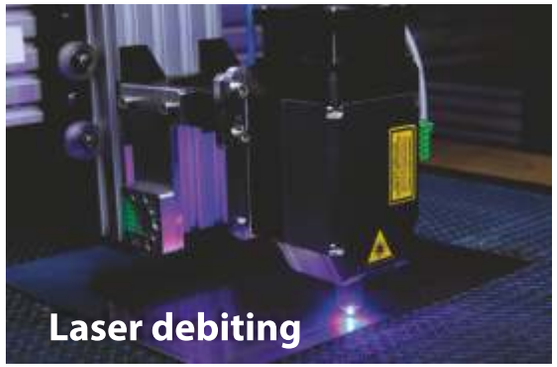
CHARACTERISTICS

Engine	Perkins 4 cyl. Common Rail Turbo
Emissions	Stage V
Capacity	3.6l
Output	100 kW (136 CP) / 2200 rpm
Max. torque	550 Nm at 1500 rpm
Type	Perkins 904J-E36TA
Pump output	37,9 cm^3 / rot
Working pressure	210 bar
Hydraulic tank	100 l
Standard winch	IRUM double-drum air operated 2x7T
Optional winch	TCM double drum hydraulic operated 2x14T
Brake system	Multi-disk braking system in oil, Spring-loaded brake (SAHR)
Steering	36° articulated steering
Standard tyres	18.4x26
Optional tyres	23.1x26
Axles	NAF planetary axles 9.5 t IRUM planetary axles 14 t
Differential lock	Lockable
Pivoting front axle	On oscillating frame
Electric system	12V, 120A alternator
Front blade	Chasis mounted front blade
Front blade	With mounting on pivoting front axle
Rear shield	Mobil / Fix, cu lamă de ancorare sub șasiu
Optional	Rear grapple
Transmission	Automatic Allison 6+1 / Manual Eaton 5+1
Transfer case	2 reports: big/small
Vehicle length	max. 6300 mm / min. 6000 mm
Vehicle width	max. 2750 mm / min. 2250 mm
Vehicle height	max. 3000 mm / min. 2800 mm
Front overhang	max. 2200 mm / min. 1580 mm
Wheelbase	2930 mm
Gauge	max. 2155 mm / min. 1950 mm
Chasis steering	37,6°
Minimum turning radius (exterior)	5900 mm
Max. speed declared	30 km/h
Max. reverse speed	5 km/h
Diesel tank	90 l
AdBlue tank	19 l
Cabin	Rubber-mounted, soundproofed ROPS,OPS, FOPS homologated Heated seat with air suspension Cabin heating Scratch resistent policarbonate windows Optional Air conditioning

Foundry



CNC



Laser debiting

Axles

The foundry, heat treatment, metal coatings, CNC machining and cutting sections are integrated in the IRUM factory, which covers an area of 175.000 sqm, including its own IFOR Research and Development Centre.

- **CNC**
- **LASER DEBITING**
- **FOUNDRY**
- **HEAT TREATMENT**

- **RESEARCH AND DEVELOPMENT CENTER**
- **OVER 70 YEARS OF EXPERIENCE**
- **OVER 500 EMPLOYEES**
- **CONTINUOUS INVESTMENTS**

The synergy between all these production departments and the high performance technology that has been invested in, over 70 years of IRUM's activity make it possible to provide high quality **IRUM MANUFACTURING** services.

Part of the Maviprod group of companies, IRUM is one of the renowned "Made in RO" companies, which stands out for the production of the only Romanian tractors and which, 70 years after its foundation, is proud of a team of over 600 employees. Founded in 1953, IRUM is today an integrated factory with all the necessary departments for the production of tractors: foundry, heat treatment, mechanical processing, cutting, painting, etc.

The massive investments in the 18-hectare industrial platform made possible by the acquisition of the company by the MAVIPROD group have today put IRUM in the position of having one of the most efficient foundries, one of the most efficient and complex mechanical machining departments in Romania and a very diversified range of products and services.

Successive phases of modernization and re-engineering, qualification of the workforce and expansion of production capacities have consolidated the success story of the Romanian manufacturer, which has allowed continuous development.

A key element in IRUM's development was the creation of its own Research and Development Centre, in 2015, for agricultural and forestry machinery, called IFOR, unique in Eastern Europe. Based on this infrastructure, the Romanian agricultural tractor TAGRO was launched in 2018. At the same time, a complete range of agricultural tractors from 24 to 102 hp was launched and the offer was completed with various agricultural machines, thus fully covering the needs of small and medium-sized farms.

In 2021 IRUM launches its newest forestry machine, the TAF 690 S5, which is more powerful and performant than previous models, and is mainly designed for foreign markets. Product development is a constant objective at IRUM, so in 2022 a new generation of the Romanian agricultural tractor, TAGRO Stage V, adapted to the imposed pollution requirements, is launched.

IRUM has thousands of customers working with Romanian products, operating today on 4 continents, in 35 countries!