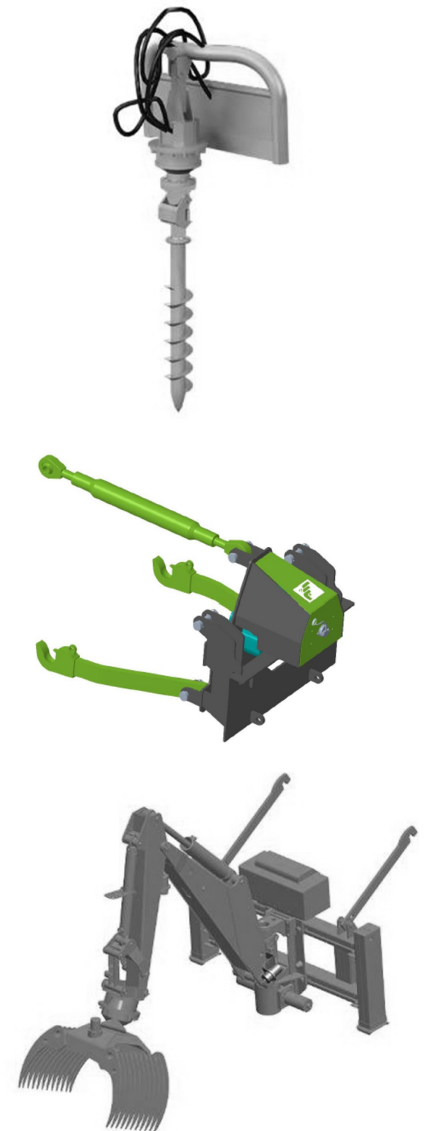


iRMP-3

Robotic Modular Platform 3000

Demining / milling unit • excavator • loader • manipulator (robotic arm)



Key technical features

- Modular platform: deminer, cutter, excavator, loader, manipulator
- Working unit width: 3,400 mm
- Rated load capacity: 3,000 kg, tipping load: 3,500 kg
- Operating weight: 14,700 kg
- Engine 280 kW / 375 HP
- Working hydraulics: 42 MPa, flow rate 363 l/min
- Remote control range of up to 6.5 km; reliable even in busy environments.
- Low failure rate, simple field servicing
- Average consumption of 10 l/h; up to 10 hours of operation per tank.

Technical specifications of the iRMP-3 machine

Parameter	Unit	Value
Length	mm	7224
Width	mm	2200
Height	mm	2492
Working unit width	mm	3400
Nominal load capacity	kg	3000
Bucket capacity	m ³	0,85
Bucket capacity (with material)	m ³	0,98
Tipping load	kg	3500
Operating weight	kg	14700
Maximum pulling force	kN	68,79
Lifting force	kN	110
Boom lift	s	6,5
Lowering the boom	s	4,3
Bucket closing	s	5,2
Dumping the bucket	s	4,5
Max. forward speed (1st and 2nd gear)	km/h	3 up to 8
Travel drive pressure	MPa	42
Working hydraulic pressure	MPa	42
Working hydraulic flow	l/min	363
Maximum power at 2,200 rpm	kW / HP	280 / 375
Fuel tank capacity	l	450
Digging depth	mm	50–350
Remote control range (S+A)	km	1 / 6,5

