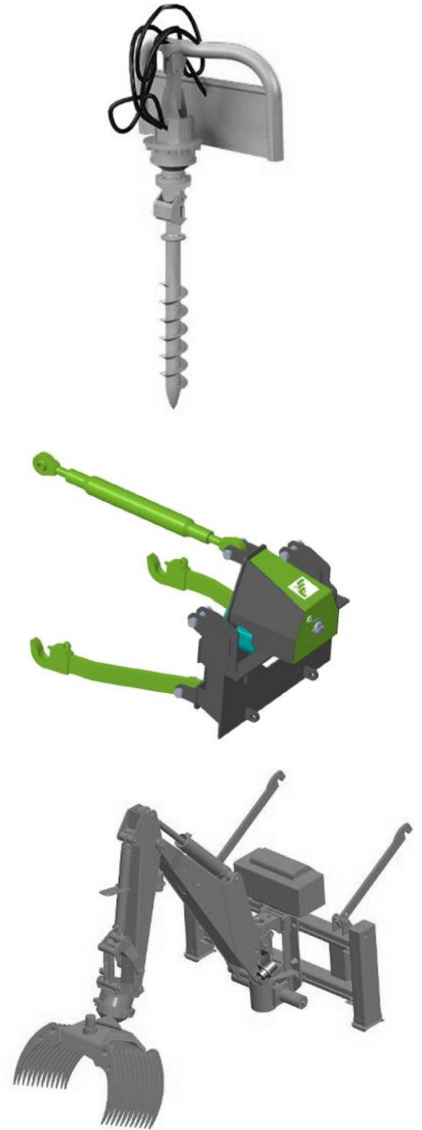


# iRMP-3

## Robotic Modular Platform 3000

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



## Key technical features

- Modular platform: demining unit, miller, excavator, loader, manipulator
- Working unit width: 3,400 mm
- Nominal 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 up to 6.5 km; reliable even in jammed environments
- Low failure rate, easy field service
- Average consumption 10 L/h; up to 10 hours of work on a single tank

## Technical data of the iRMP-3

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 <sup>3</sup>	<b>0.85</b>
Bucket capacity (heaped)	m <sup>3</sup>	<b>0.98</b>
Tipping load	kg	3500
Operating weight	kg	14700
Maximum traction force	kN	<b>68.79</b>
Lifting force	kN	110
Boom raise	s	<b>6.5</b>
Boom lower	s	<b>4.3</b>
Bucket close	s	<b>5.2</b>
Bucket dump	s	<b>4.5</b>
Max. forward speed (1st and 2nd gear)	km/h	<b>3 to 8</b>
Drive pressure	MPa	42
Working hydraulics pressure	MPa	42
Working hydraulics flow rate	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	<b>1 / 6.5</b>

