

**Join us in building
a cleaner and safer
future**



Product portfolio

ROCKEAT Line

WALLEAT

miniZ400

ROCKEAT100 *ROCKEAT1200*



CBL Line

CBL100

CBL900

CBL1200



ELISE Line

ELISE100

ELISE900

ELISE1200



+ Wide range of Attachments



60+

dealer locations

in 48 countries

650+ machines

manufactured and distributed
around the world

375



275

Our machines are also available through our key distribution partners

BROKK®**ASCENDUM****TITAN
MACHINERY****gami****TANGLIN
CORPORATION**
A Division of TANGRAM GROUP INC.**anzeve**
queremos ayudarte

Where most of our machines work

Our partners and their customers find our machines most valuable in the following industries



Mining industry



Construction



Recycling & waste disposal



Agriculture



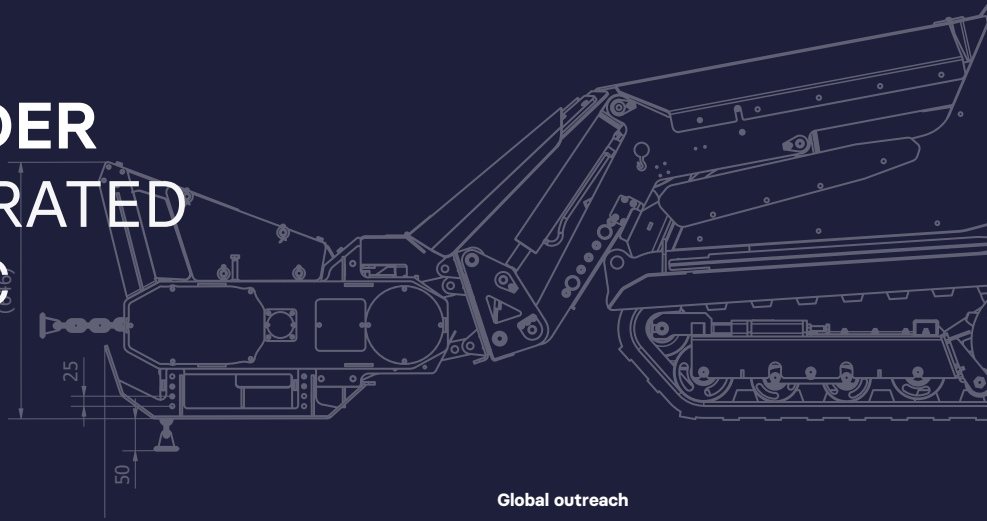
Harbours



Material handling



DEMINING LOADER REMOTELY OPERATED FULLY ELECTRIC



Your assigned contact
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Global outreach

First Green Industries a.s. is a Czech company with the majority of assets based locally and strong connections abroad, including the US.

Loader Overview

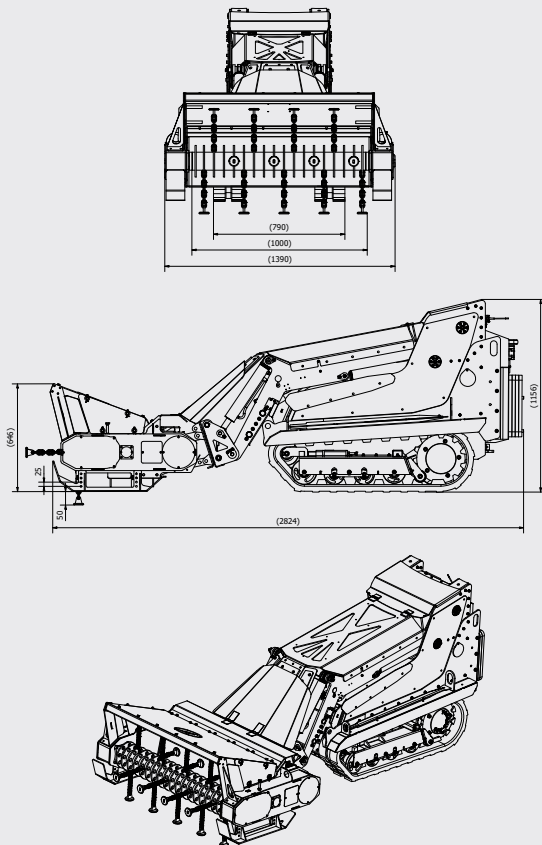
The FGI MiniZ 400 is a remotely operated small tracked loader with a load capacity of 400 kg.

Thanks to its compact modular construction and various proprietary attachment plates, the MiniZ 400 is suitable for numerous attachments and versatile applications. **With a 1-meter-wide minefield clearance capability**, it's specifically designed to operate in conflict zones, clearing mines and other hazardous obstacles while maintaining the flexibility to navigate through narrow spaces and standard doorways, making it highly effective in challenging and confined environments.

A robust heavy-duty demolition kit, together with covers made of **HARDOX**, safeguards the track system and machine body from punctures and gunfire. This enhanced durability, combined with the machine's sturdy frame, offers an optimal solution for the defense industry. **The MiniZ 400 can sustain up to 6 hours of continuous operation**, providing reliable performance in critical situations.

Camouflage exactly the way you want it – **fully customizable patterns** to match any environment or brand identity.





General specification

Rated load capacity	400 kg
Tipping load	800 kg
Minimum travel speed	0,1 km/h
Hinge pin height	2 186 mm
Overall width	788 mm
Maximum travel speed	5 km/h
Frequency	2.4 GHz / 433 MHz
Remote control distance	50 m
Battery working time	up to 6 hours
12V socket	yes
Attachment plate	FGI Proprietary / ToroDingo / Bobcat MT55/MT52

Motor

Electric engine type	1x Benevelli 2x Dana
Rated power	1x 3 kW 2x 2,7 kW

Weights & Hydraulics

Rated operating weight	1 100 kg
Total weight of the loader	1 500 kg
Hydraulic oil pressure	150 bar
Hydraulic oil flow	25 l/min
Hydraulic oil reservoir	30 l

Demining attachment

Effective width	958 mm
Nominal motor power	6 kW
Max motor power	10 kW
Working RPM	750 rpm





Test Results

Real Deployment

At present, six machines are deployed across various units in Ukraine.

High Survival Expectancy

Tested on mines with 100 g of TNT, the machine remained fully operational after multiple detonations.

Video

https://youtu.be/T5bgXE_aMk?si=J7ju6cMdoE7fVsl4

<https://youtu.be/a85DBUPgWdAsi=28bhLOCZLRXYgjLV&t=574>





Future Vision

Integration of the Mine Detection and Identification System (MDIS) with a closed-loop control system for real-time responsiveness and accuracy.

Semi autonomous and autonomous systems using data from MDIS for demining purposes.

Development of a teleoperated mine-collecting device attached to wheeled platform to increase coverage area and speed up the clearing process.

Implementation of teleoperation features to extend remote control range.



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