



Egli hydraulic magnet

Redesign and maximum magnetic force

Egli



Hydraulic magnet by Egli

Expert for sorting and demolition work

The Egli hydraulic magnet: where efficiency meets performance

With our hydraulic magnet, you not only optimise the quality of your demolition material, but also increase your profitability, because the separated iron can be resold directly.

Continuously developed since 2007, the Egli hydraulic magnet offers maximum performance, precise and efficient ejection control and an impressively long service life.

In addition, cleaning the truck route ensures a tidy construction site while significantly reducing the risk of tyre damage; delivering safety, efficiency, and reliability to your operations.

 swiss engineering

Performance significantly increased

- ▶ increased performance due to larger magnet plate
- ▶ maintenance-friendly due to new design
- ▶ improved ESCO wear and tear protection



YouTube video
Using a hydraulic magnet



► **Clean-up**

swift and simple clean-up of roadways

► **Sorting**

Pre-sorted material protects the concrete crushers

► **Presorting**

quick and easy without troublesome manual labor

► **Loading**

easy loading of steel



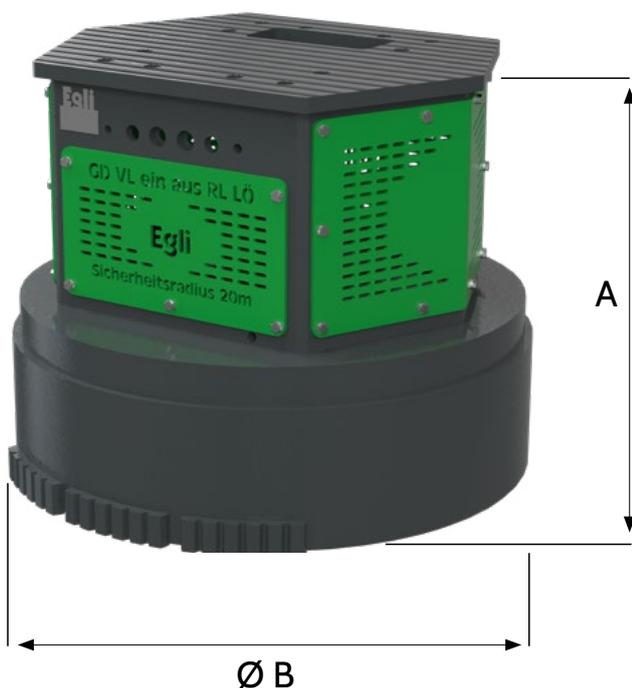
Hydraulic magnet

Technical specifications

Specification	Unit	EgliMag 720	EgliMag 720A	EgliMag 920A	EgliMag 1120A
Carrier weight class	t	from 6.5	from 6.5	from 20	from 20
Weight without adapter	kg	690	740	1'650	2'040
Setting* hammer H / scissors S	S / H	S / H	S / H	S / H	S / H
Operating pressure	bar	200	200	250	250
Volume flow / recommended	l/min	35-70 / 50	35-70 / 50	70 - 200 / 120	70 - 200 / 120
Excavator pressure relief valve	bar	350	350	350	350
Back-up pressure return line	bar	25	25	25	25
Back-up pressure leaking oil	bar	8	8	8	8
max. load capacity	kg	3'000	3'000	5'000	6'000
Theoretical tear force**	kg	5'530	5'530	15'100	29'400
Power requirement magnetic plate	kW/V	3.5/230	3.5/230	7.3/230	10.1/230
Drop control		no	yes	yes	yes
Height without adapter A	mm	860	860	865	865
Outer diameter plate B	mm	780	780	1'000	1'130
Hydraulic connection supply and return	S	20	20	20	20
Hydraulic connection turning / gripping left	L	-	10	10	10
Hydraulic connection leak oil	L	12	12	12	12
Optional ESCO teeth	-	3x U25P	3x U25P	3x U30P	3x U30P

*Setting: single-acting H // double-acting S

**Tear-off test according to DIN VDE 0580 with air gap Ø/300



Optional with ESCO Ultralok



The characteristics at a glance

► Savings and flexibility

- thanks to the integrated generator, quick and smooth installation is possible on almost all carriers
- reduced tyre damage on trucks, wheel loaders and mobile excavators as metal parts can be quickly and easily removed from driveways
- less wear to conveyor belts when feeding the crusher plants due to pre-sorted material
- lower maintenance costs for the crusher

► Technical advantages

- the generator is double-bearing, brushless, externally ventilated and temperature-monitored
- leakage oil and volume flow protection
- the electronics are protected from impacts, thanks to moulded components
- no radio control are therefore no external influence
- maintenance-friendly as all covers can be individually removed

► Resource preserving and accident prevention

- staff and time can be efficiently scheduled
- mechanical sorting of metal parts replaces labor-intensive manual work, minimizing the risk of staff injuries caused by reinforcement steel
- fast work cycles are possible in conjunction with the OilQuick quick coupler system
- power cables do not need to be routed over the boom

► Release control

- precise ejection in seconds by reversing the polarity of the magnetic field at the touch of a button



EgliMag 1120A



EgliMag 920A



EgliMag 720 with slew drive



Maximum safety

► Certified hydraulic magnet

- generator with protection class IP54
- electrical cables and sockets are not mounted on the excavator boom
- robust magnetic chassis also allows work in a vertical position
- CE-compliant
- with Euro Test Certificate from Construction Industry Association, Germany (BG Bau)



Transport frame

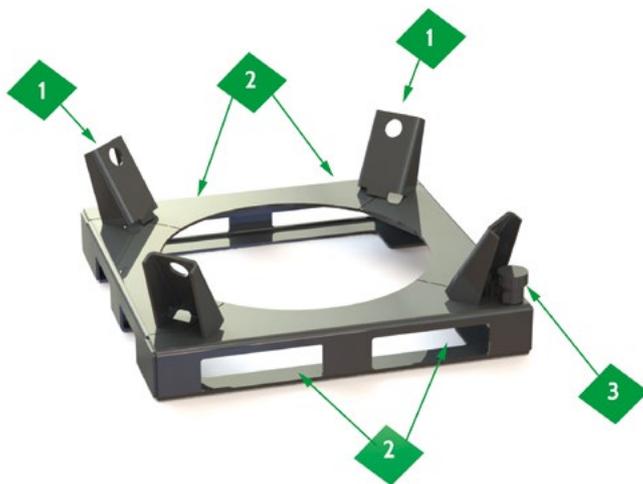
Customized

For every attachment, we offer a perfectly matched transport frame, available as an option. Our rental machines always come with the appropriate frame.

► **Transport: simply and safely**

Custom-made

On request, we also manufacture custom transport frames for existing machines and third-party products. Feel free to contact us!



Legend:

- 1 Fixing loops on all four corners
- 2 Access from all four sides for pallet jacks and forklifts
- 3 Document compartment (for operating manuals)



www.gebr-egli.ch



Lasting service and quality



Customer relations

Customer-friendly service and professionally are our primary objectives, along with personal advice and tailored customer solutions.

Product selection

We constantly aim to develop and promote the latest technology. Our products are of superior quality and functionality.

Competence

All our employees are professionals with high levels of motivation und initiative. Thanks to in-house development, design and metalworking, we can respond flexibly and individually to customers' needs.



Gebrüder Egli



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