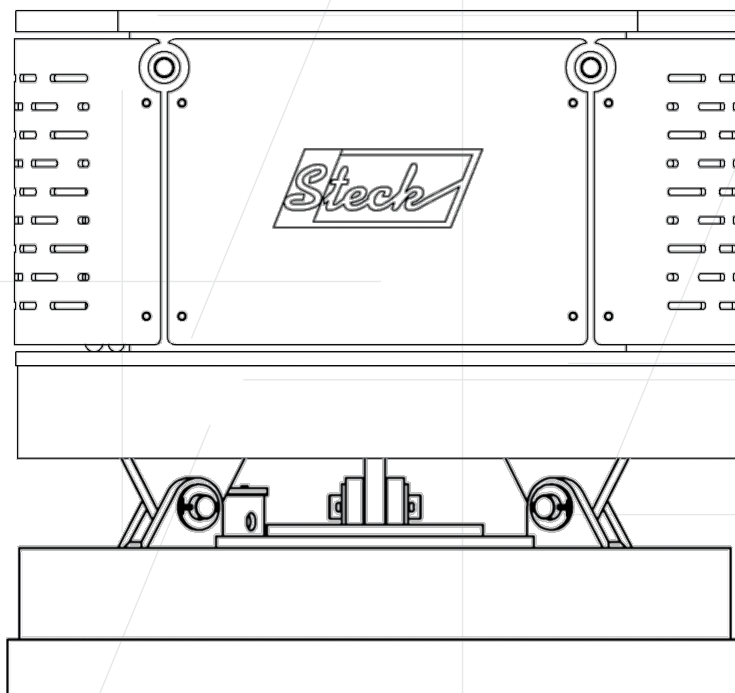




Lifting magnets

M3 & M4



Lifting magnets

Standard

Environmentally friendly

- internal leakage oil return



Easy handling:

- compact construction, integrated power supply
- no additional installation on excavator needed
- magnet pendulum with parking device



Easy maintenance:

- maintenance- free components
- fourfold protection against short- circuit and overload
- vibration resistant and shakeproof
- parametrized digital generator governor



Generator :

- brushless, robust synchronous generator
- housing made of corrosion- free alloys
- dirty resistant housing/ special profile
- maximum efficiency.
- protection class IP 65
- wear-free electronics



Hydraulic

Automatic regulation of pressure in the system due to intelligent valve unit.

- vibration free and stable hydraulic drive.
- Emergency running properties (in the event of an abrupt oil cut-off)
- high speed range - constant revolutions
- smooth operation across the entire speed range
- High efficiency
- suitable for applications with high angular accelerations due to its high torsional strength



chassis:

- louvers for better cooling
- reinforcement for more stability
- stiffening tube for more stability



Standard

Elektronic :

Safely through self-protective electronics :

- waterproof protected against weather IP65



Easy and efficient control:

- simple hydraulic connection (grap torque connection)



Advantages of magnet plates:

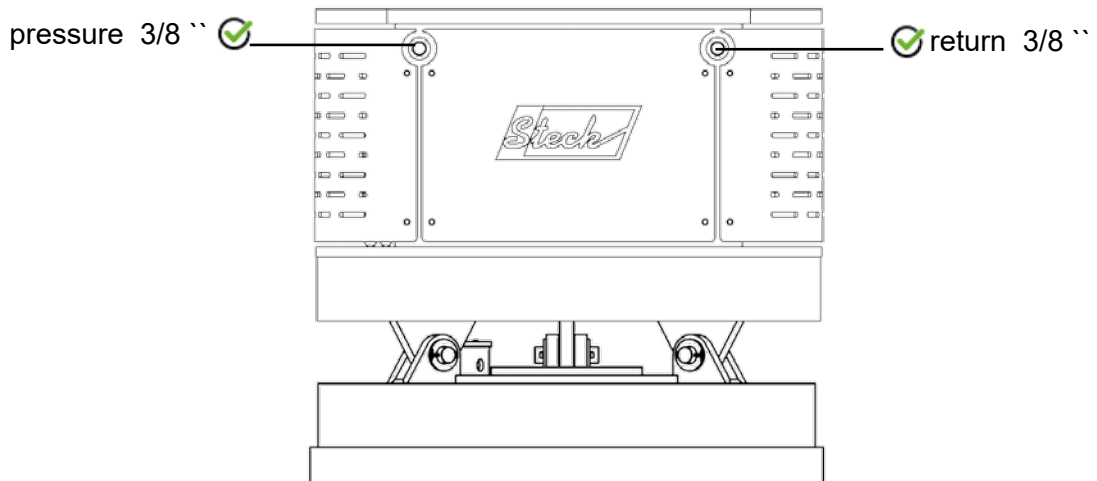
- Hermetically closed steel housing shakeproof and wear- resistant
- vibrations and abrasion
- Magnetic circuit protected against external influences and moisture.
- optimal weight- performance ratio guarantees maximum handling easy.
- Temperature equalization due to steel surface.
- cable protection



Operation of magnet plates:

No special maintenance needed except from periodic checking of electric connections, suspension connections and housing.

Connection for hydraulic comonents



Lifting magnets

Setting/ regulation of hydraulic:

Therefore no precise hydraulic setting needed

Setting details **M3 - M4**

Oil flow	30 - 40 liter
Operating pressure	120-150 bar

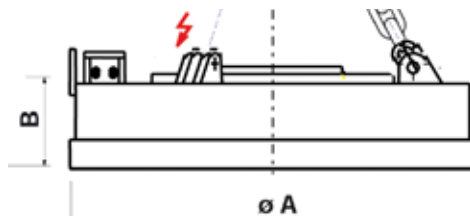


Lifting magnets & magnet plates

M3S bis M4S Rigid version (S)

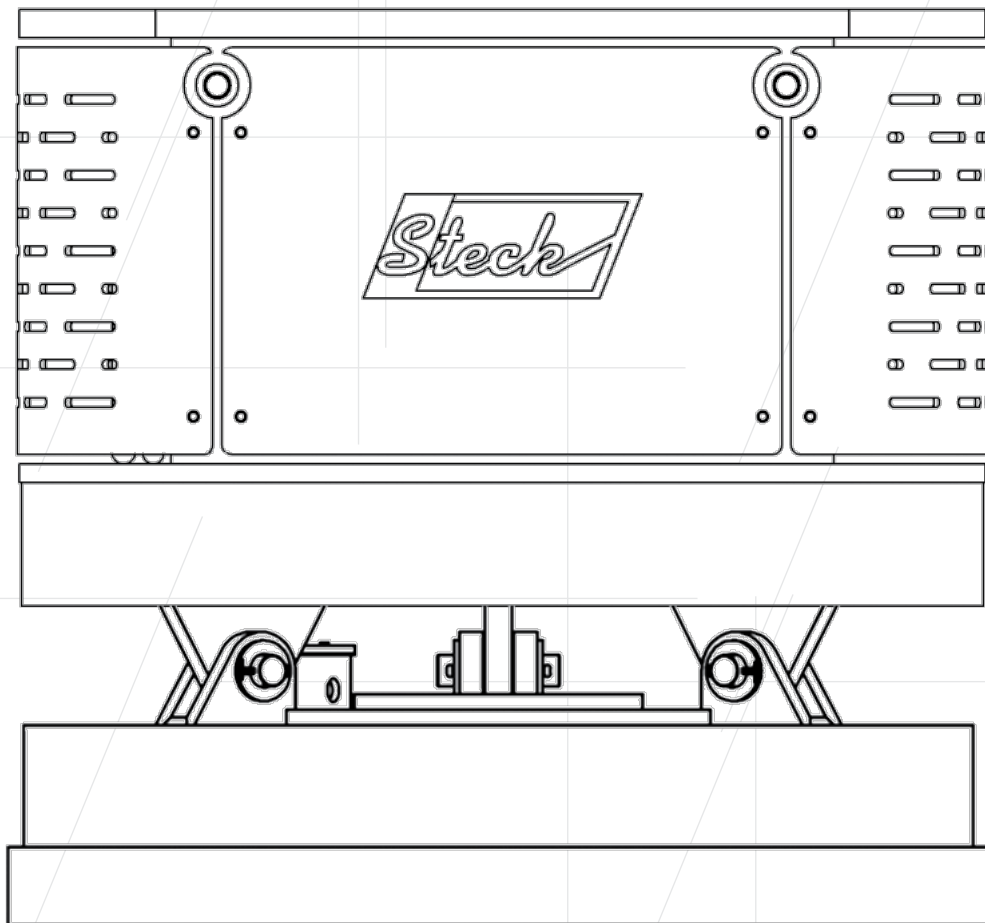


Technical details	M3S	M4S
operating weight (t)	5 - 10	6 - 12
weight without head plate(kg)	340	420
load capacity (kg)	1.300	2.700
Ø in mm	650	750
height	430	620
quick hitch	MS03	MS08



Technical details	M3	M4
weight (kg)	195	265
dimension A (mm)	550	750
dimension B (mm)	200	225
mains voltage (Vgs)	24	220
magnet power (kW)	0,6	3
with air gap Ø /300 ¹ Tensile strength (kg)	2.600	5.500
load capacity ¹ skelp block (kg)	1.300	2.700
load capacity ¹ iron ball (kg)	450	950
load capacity ¹ pig iron (kg)	70	105
load capacity ¹ scrap 3A 2,2+2, 5 T/m ³ (kg)	60	80
load capacity ¹ scrap 24 1,9+2,0 T/m ³ (kg)	50	70
load capacity ¹ scrap 40 0,8+1, 0 T/m ³ (kg)	40	40
Lifting magnets	MP2	MP4

¹ According to VDE 0580. Defined in 5 hours from changing labor (50%), at ambient temperature of 20°C.



your contact person::

Steck Abbruchgeräte GmbH
Hauptstr. 20
D- 89192 Rammingen
Germany

place of jurisdiction: Ulm/Donau HRB 726131
VAT- ID No.: DE275269830
phone +49 (0) 7345 9123 - 0
fax +49 (0) 7345 9123 - 20
mail info@steck.de
internet www.steck.de

A large dashed rectangular box intended for the contact person's name and details.