



Transport / Installation Manual HP-MP

HERZOG

The figure on the cover may not exactly represent the delivery state of the machine.

Machine Data

Type	HP-MP
Number	MA XXXXX-XX-X
Ident number	X-XXXX-XXXXXX-X
Year of manufacture	2020

Electrical Data

Voltage	X x XXX V
Frequency	XX Hz
Power consumption	5 kVA

Manual

Transport / Installation Manual	49355
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1. Preface

1.1. General

The compliance with the operating manual is a crucial prerequisite for fault- and accident-free machine operation. All operating and maintenance personnel must have easy access to this operating manual.

Machine parts, tools, supply and delivery lines or the controller must not be modified without prior consent by the manufacturer. This is of particular importance to ensure machine safety.

The machine must be used only for the intended purpose.

Maintenance tasks must be completed in regular intervals to maintain machine capacity, operational safety and availability.

In the event of problems, please contact our customer service or spare parts department or one of our agents to provide assistance.

This operating manual relates only to the machine described below.

Technical changes of the representations and information shown in this manual as they may be required for improving the described machine are reserved.

This manual is intended for the operating and maintenance personnel. It contains information and drawings of a technical nature which may not, neither in part nor in whole, be duplicated, distributed or utilised for purposes of competition or disclosed to third parties.

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Auf dem Gehren 1

D-49086 Osnabrück

1.2. Symbols and instructions

Workplace safety symbol (danger of injury)

Danger!

The word "DANGER" indicates an imminent danger that results in serious injuries or death.

**Warning!**

The word "WARNING" indicates a potentially dangerous situation that could result in serious injuries or death.

**Caution!**

The word "CAUTION" indicates a potentially dangerous situation that could result in minor injuries.



Note (danger of material damage, general information)

Note!

"Note" indicates a potentially dangerous situation that may lead to damage to property or to environmental damage.
This signal word is also used for instructions for use and other useful information.

**Information**

This symbol indicates that the corresponding manual section contains a general note. These notes provide additional information about the handling and operation of the machine.

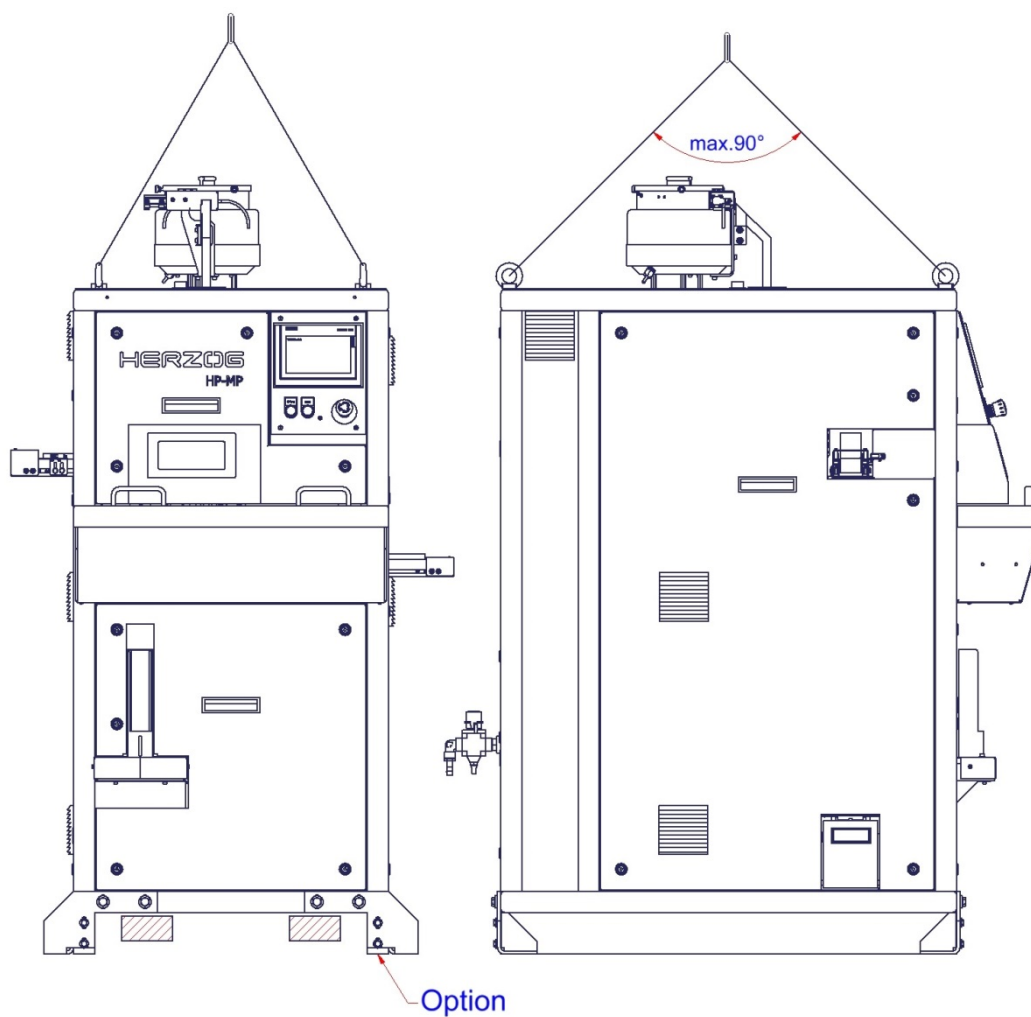


2. Notes for transport and storage

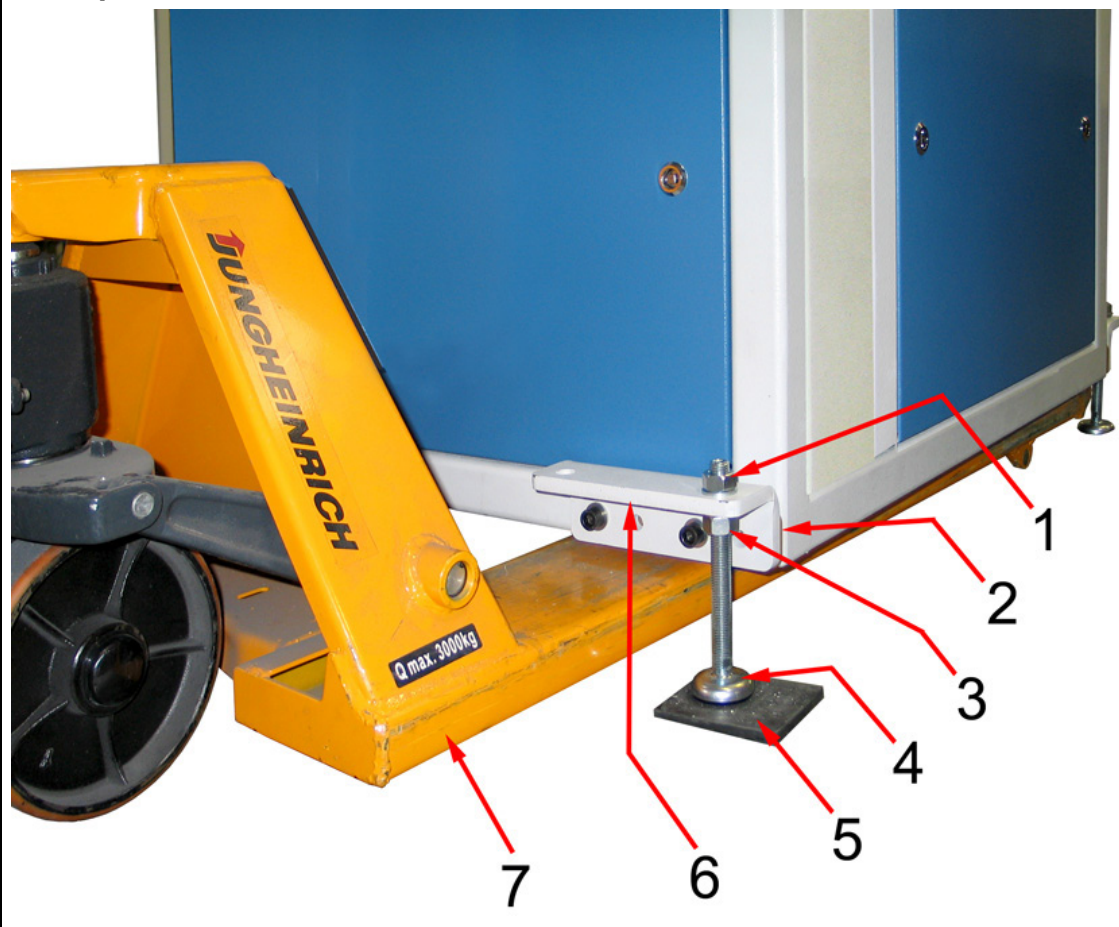
2.1. Transport

HP-MP

(figure similar)



The machine stand has 4 threaded bores M16 for ring screws. The machine can be placed in the set-up site suspended by lifting gear from the ring screws..

2.1.1. Transport Unit**Transport Unit**

1	Adjusting nuts (4 units)
2	Interim plate (4 units)
3	Adjusting nuts (4 units)
4	Adjusting base (4 units)
5	Rubber plates (4 units)
6	Attachment angles (4 units)
7	Lifting cart / industrial truck (customer-side)

- Loosen upper adjustment nuts (1) and turn up.
- Turn down the bases (4) evenly on all four corners to achieve a floor - clearance of approx. 100 mm.
Ensure that the machine does not tilt.
- Turn down the upper adjustment nuts until the bases are firm.
- Push the forklift tines (e.g. industrial truck) under the machine.
- Lift up the machine and transport it (e.g. to the place of set-up).

After transport

- Proceed in reverse order

3. Measurements, weight, centre of gravity

3.1. Measurements, centre of gravity : Machine with options

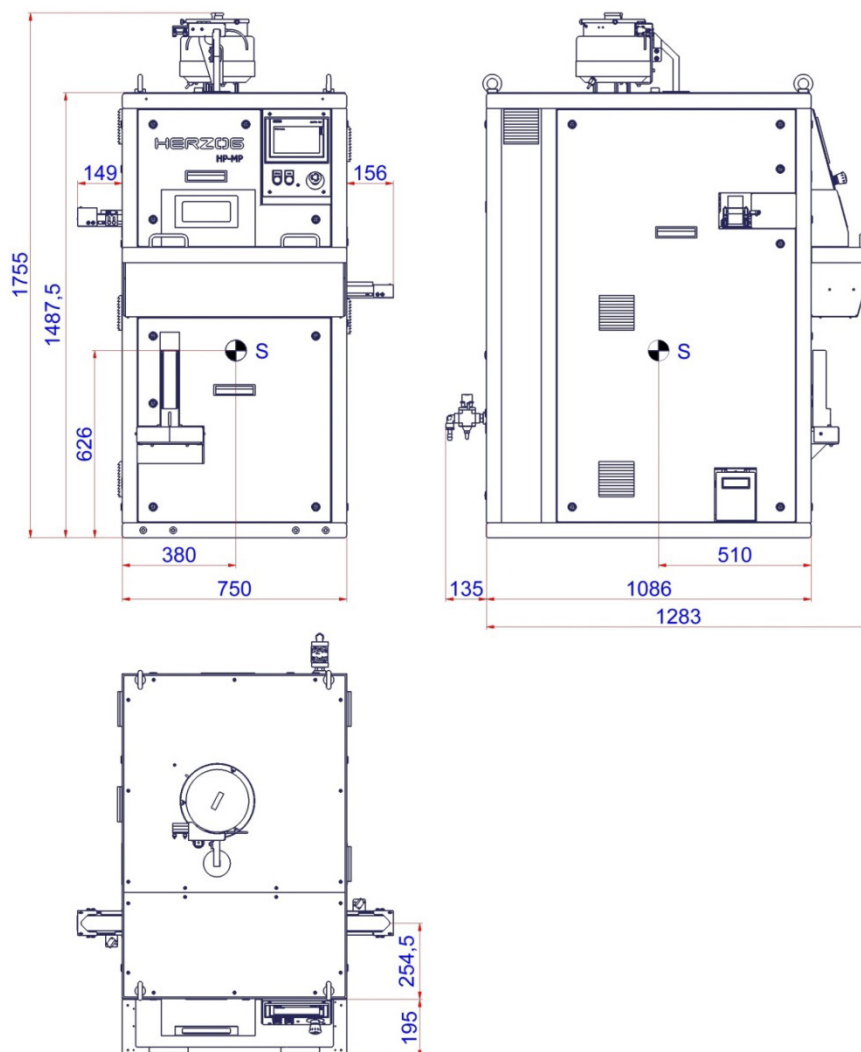
Options

- Grinding aid dosage
- „Grind only” / “Press only“



HP-MP

(figure similar)



Net weight Machine	750 kg
Standing surface Machine	750 x 1086 mm

4. Unpacking, assembling and installing

GB-00192

4.1. Unpacking

GB-00193

The machine is screwed to the pallet or the floor of the crate with 4 screws.

4.2. Assemble

GB-32736

The machine itself is taken to the place of set-up installed completely.

GB-33715

The customer specific additional equipment (e.g. ring cleaning, conveyor belt, output chute) must be screwed to the machine on installation site.

The connections are marked accordingly among each other.

4.3. Set-up

GB-22992

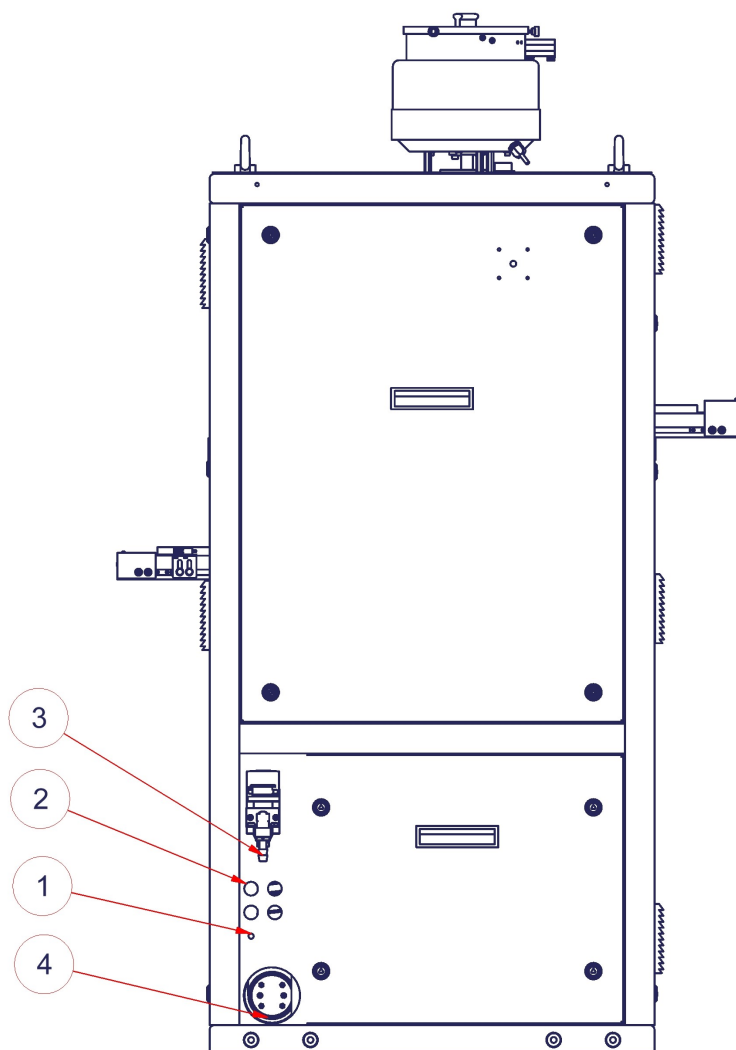
The use of rubber strips underneath the machine is recommended if the set-up location is uneven to any major extent.

5. Making the connections

5.1. Machine with grinding aid dosage (option)

Connections

(Figure similar)



1	Equipotential bonding
2	Electric cable bush
3	Pneumatic connection
4	Suction connection : \varnothing 80 mm

5.2. Electrical connection

GB-01075

Warning!

Electrical connections may be made only by qualified staff.

**5.2.1. Equipotential bonding**

GB-40893

DANGER!**Danger to life due to electrical voltage!**

The machine and all accessories (transport devices etc.) should be connected by a ground cable.

**5.2.2. Main connection**

GB-33338

NOTE!

The voltage of the feed must correspond with the voltage indication in the switch cabinet or on the machine's identification plate.

Look for the connected load of the machine on the identification plate.

**Making the main connections**

GB-33339

- Feed the electrical supply cable to the machine's control cabinet or terminal box through the cable bush (*see connections drawing*).
- Connect the strands of the connecting cable corresponding to the main circuit diagram.

5.2.3. Direction of rotation of the motors

EN-46494

The machine is wired for "clockwise rotation".

DANGER**Danger to life through electric voltage!**

- Work on the electrical equipment may only be carried out by a qualified electrician or a person trained in electrical engineering under the supervision and supervision of a qualified electrician in accordance with the electrical engineering regulations.
- The control cabinet may only be opened by persons trained in electrical engineering and qualified electricians.



All motors should have their correct direction of rotation checked. In the event of an incorrect rotation direction, the phases should be swapped accordingly.

5.3. Pneumatic connection

GB-00313

On the pneumatics servicing unit, there is a hose nozzle for the compressed air hose with a nominal width of 13 mm (see *connections drawing*).

Pressure min. 5 bar, max. 10 bar

5.4. Suction connection*

GB-30198

- Connect the suction connection of the machine (outer diameter $D_a = 80$ mm) to the extraction system via a hose or pipe.

* can also be designed downwards.

5.4.1. Dust extraction start signal

GB-33361

A dry contact is available in the switching cabinet for starting the dust extraction (see *main circuit diagram*). The dust extraction is operating as soon as the contact is closed.

NOTE!

Connect dust extraction to the control contact in the control cabinet.

GB-30201



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