



Dinting Loader EL 160 LS

The New Generation of Dinting Loaders

With a staff of 400 in Germany and abroad HAZEMAG & EPR GmbH has been operating successfully for decades in the field of customer-oriented mining and tunnelling all over the world.

HAZEMAG & EPR dinting loaders with crawler tracks are used in underground mining for straightening the floor which had swollen due to geological influences. They are indispensable for ripping up the drifts as well as for loading and crushing of loosened rock. They are equipped with a bucket in which hydraulically driven percussion bits are integrated.

The dinting machines stand out for a simple as well as compact and serviceable design and high operational reliability. The electric equipment is made in flame proof design according to the regulations of the respective authority.

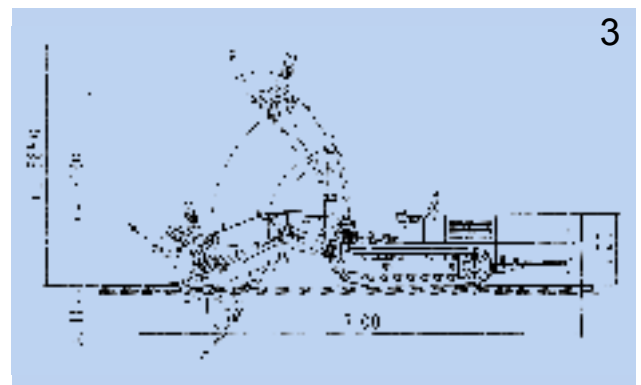
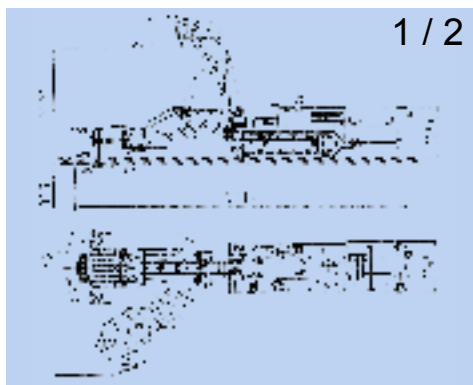
The machines may be fitted with a number of additional attachments (such as different drilling machines, side tipping bucket, pick hammer, etc.). By means of adapters these attachments may be exchanged very quickly.

The assembly groups which are designed according to the unit construction principle are easy to transport and may be quickly assembled underground.

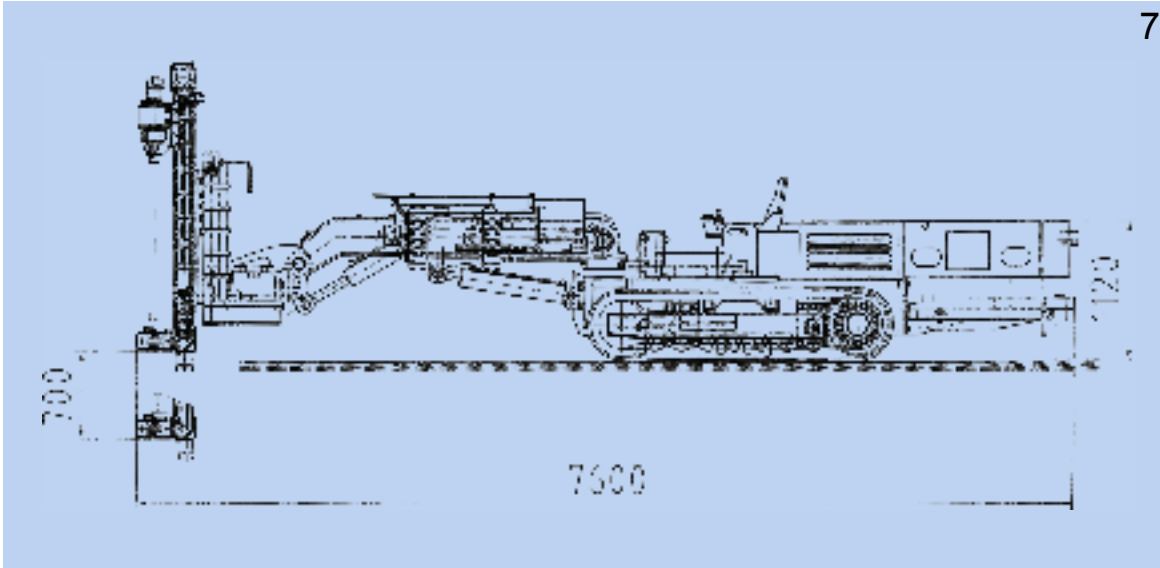
Our delivery program:

- Dinting loaders (Hausherr)
- Side discharge loaders (Hausherr)
- Road heading machines
- Hydraulic drilling jumbos
- TURMAG drilling machines
- Power station technology (service)
- HAZEMAG materials preparation technology

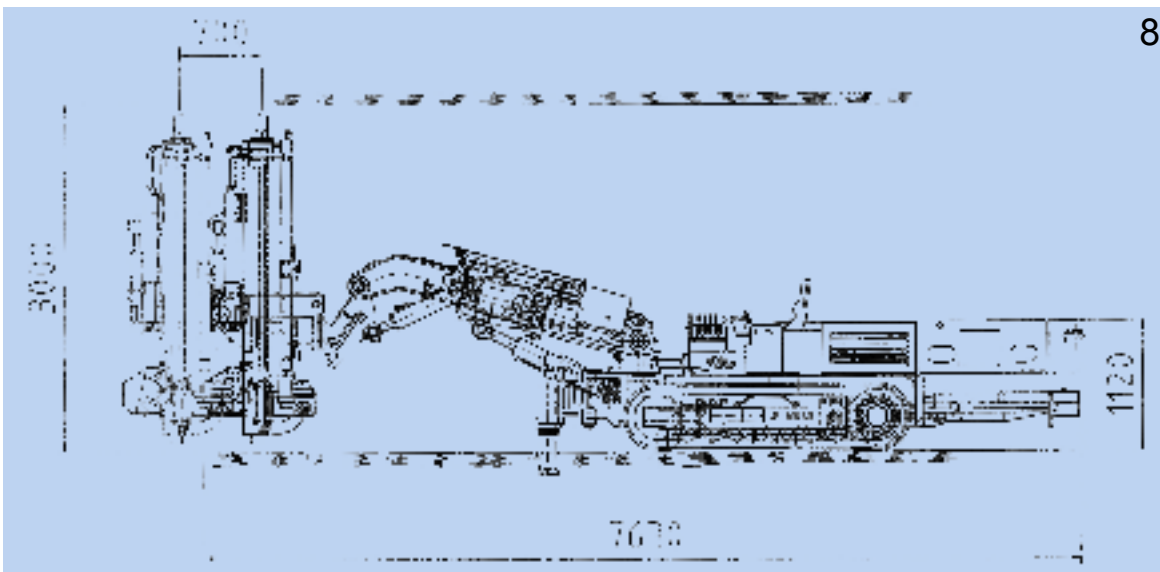
| Model overview EL 160 LS | | Rigid Boom | | | Telescopic boom | | | | Rotary boom |
|---|--|-----------------------------|--------------------------|-----------------------|-----------------------|--------------------------|----------------------|--|-----------------------|
| Technical data | Unit | with (non) activated bucket | with side tipping bucket | with hydraulic Hammer | with activated bucket | with side tipping bucket | with drilling device | with anchor-drilling and setting equipm. rotary type | with activated bucket |
| | | 1 / 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Weight | kg | 8150 / 8000 | 7800 | 9050 | 10800 | 9700 | 10800 | 10700 | 10200 |
| Length | mm | 7415 / 7430 | 7100 | 7310 | 7855 | 7355 | 7600 | 7630 | 7530 |
| Width | mm | 1145 | 1145 | 1145 | 1145 | 1145 | 1145 | 1145 | 1145 |
| Height | mm | 1120 | 1120 | 1120 | 1120 | 1120 | 1120 | 1120 | 1120 |
| Frame size travel gear | - | B1 | B1 | B1 | B1 | B1 | B1 | B1 | B1 |
| Chain width | mm | 260 | 260 | 260 | 260 | 260 | 260 | 260 | 260 |
| spezific soil pressure | danN/cm ² | 0,8 | 0.78 | 0,9 | 1 | 1 | 1 | 1 | 1 |
| Thrust force (horizontal) | kN | approx. 65 | approx. 65 | approx. 65 | approx. 65 | approx. 65 | approx. 65 | approx. 65 | approx. 65 |
| Travelling speed | m/s | 0,3 | 0,3 / 0,7 | 0,3 | 0,3 | 0,3 / 0,7 | 0,3 | 0,3 | 0,3 |
| Drive | Planetary gear with fixed displacement hydraulic motor | | | | | | | | |
| Adm. longitud. inclination | gon/degrees | 25 (22,5°) | 25 | 25 | 20 | 20 | 20 | 25 | 25 |
| Adm. cross inclination | gon/degrees | 12 (10,8°) | 12 | 11 | 10 | 10 | 10 | 10 | 10 |
| Slewing angle of boom | degrees | 2 x 30° | 2 x 30° | 2 x 30° | 2 x 25° | 2 x 25° | 2 x 25° | 2 x 25° | 2 x 30° |
| Angle of rotation (hammer, boom, drilling device) | - | - | - | 2 x 40° | - | - | 2 x 40° | 270° clockwise 150° clockwise 120° | 2 x 135° |
| Stroke of telescopic boom | mm | - | - | - | 700 | 700 | 700 | 700 | - |
| Bucket capacity | L | 300 | 600 | - | 300 | 600 | - | - | 300 |
| Slewing angle of bucket | degrees | 2 x 30° | - | - | 2 x 30° | - | - | - | 2 x 30° |
| No. of chisels | pieces | 5 | - | - | 5 | - | - | - | 5 |
| Single impact energy | Nm | 160 | - | - | 160 | - | - | - | 160 |
| No. of impacts | /min | 1350 | - | - | 1350 | - | - | - | 1350 |
| Electric motor | kW | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| Type | - | IM B5 | IM B5 | IM B5 | IM B5 | IM B5 | IM B5 | IM B5 | IM B5 |
| Frequency | r.p.m. | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 | 1450 |



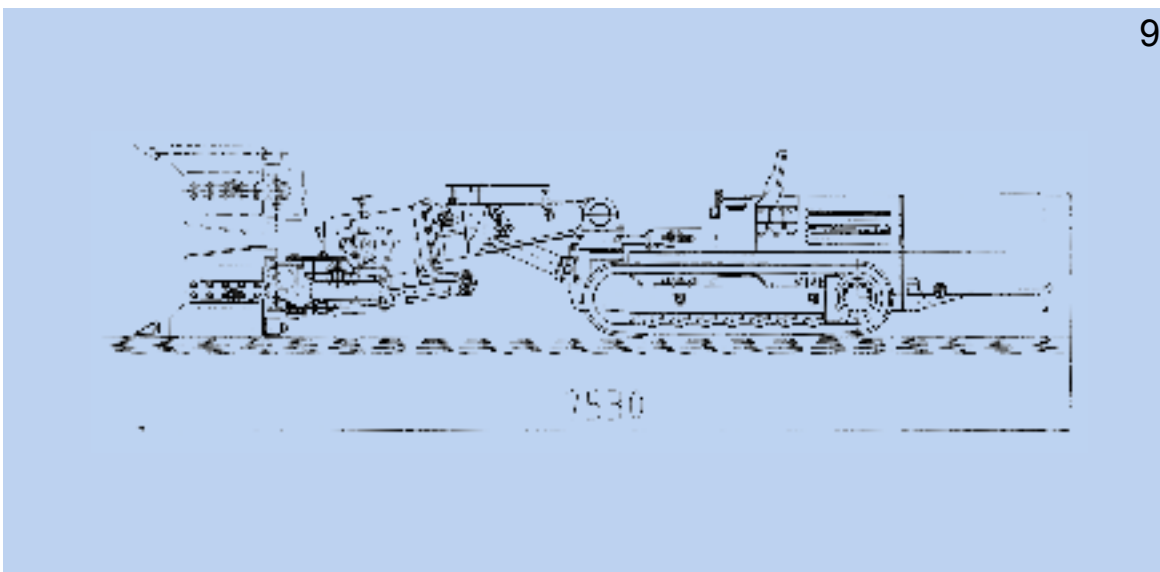
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