

Universal brake lining turning machine for commercial vehicles of all sizes. Machining directly on vehicle axle. 2 directions of turning.

F 308



F 308b - CE

The profiling of brake linings in position, i.e. on the axle, guarantees safe braking values from the outset. Furthermore, the linings make contact over their full working surface. Overloading and consequent overheating caused by partial contact is eliminated and both brake lining and brake drum life extended.

The F 308 can rotate in either direction. This enables all brake linings to be turned on the vehicle in the same direction as the wheel rotation, so that the braking forces on both wheels of the vehicle are particularly closely matched.

The F 308 is supplied complete with a lifting and mounting trolley which makes the machine extremely easy to handle. For skimming brake linings on hub reduction axles and on conventional stub axles the machine can be attached without any problem.

The skimming process is carried out fully automatically up to the automatic termination of the intermittent feed, when the preset turning depth has been reached.

Machining times are very short due to the speed of rotation of 100 rpm and a steplessly variable feed.

On the basis of experience, the feed is set to 0.6 mm/rev. in our works.

The F 308 consists essentially of an annular casing, which is attached to the axle, and a rotating planet ring with the turning tool. The tool rotates around the brake shoes and simultaneously carries out an axial feed motion.

The design of the F 308 allows a tool-holder with very little overhang to be used. This results in optimum concentricity, parallelism and surface finish.



Machine with high trolley, working height 600-1600 mm for working on vehicles on a column lift.

Equipped with integrated dust and chip extraction to safeguard your health.

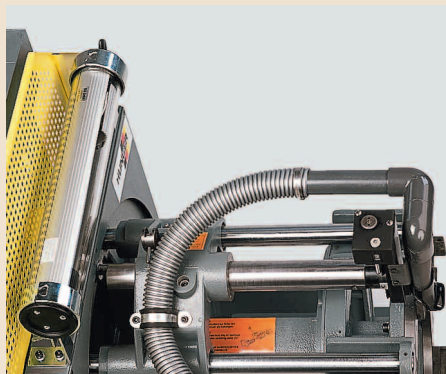


HUNGER

Versions

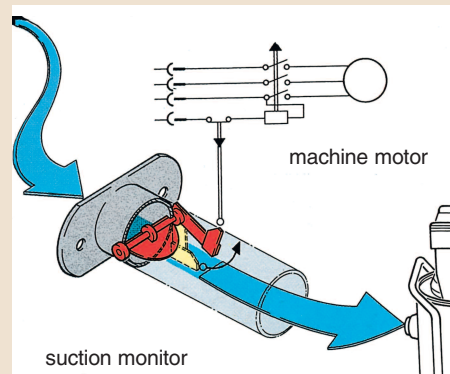
- F 308-CE** Standard machine with two directions of rotation
- F 308/G-CE** Machine with two directions of rotation and electronic dust extraction monitor
- F 308...** Various special models with raised trolley, comprehensive guarding, etc e.g. F 308b-CE (page 8)

Machine lamp



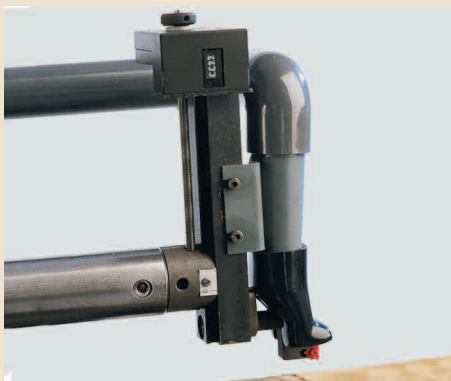
The optional machine lamp lights up the dark working area under the fender to make the mounting and adjustment of the machine to the axle easier.

Dust extraction monitor



This HUNGER accessory has been developed for your protection. The machine can only be started if there is enough suction to operate an electrical contact.

Tooling



The tool slide is equipped with a digital read out which enables a faster, easier and faultless adjustment of the tools.

Mounting on stub axle



Adaptor hub, reducing sleeve and locating rings for skimming brake linings on the vehicle axle.

Mounting on wheel hub

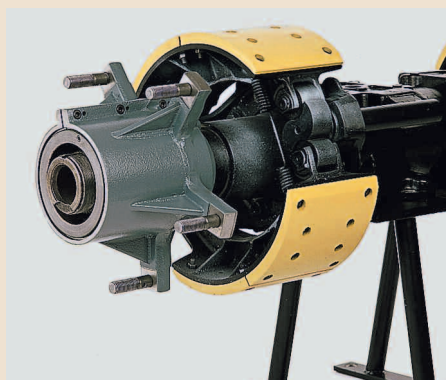


Centering angle plates and flat centering plates for mounting the machine directly to the hub.



Pivoting tool holders of various length allow enhanced adaptation of the F 308 to the conditions on the vehicle.

For heavy vehicles like cranes is a tool holder up to **550 mm** brake shoe diameter available.



First, two locating rings of the correct size and the adaptor hub are fitted to the axle. Then the F 308 is attached to the studs of the adaptor hub. We can also supply suitable accessories for stub axles with mounted inner taper roller bearings.



The mounting of the machine to hub reduction axles and wheel hubs with demountable brake drum by means of the centering angle plates and flat centering plates is easy, fast and saves you the investment in expensive centering flanges.

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