

Fire polishing machine 52-65

Item number: **VC2-00008**



Range of application:

diameter of work piece: minimal 2,5 mm

maximal 16,0 mm

length of work piece:

minimal 45,0 mm

maximal 350,0 mm

nominal diameter of the transport discs: 500 mm

Please note:

for fire polishing very short parts of 35 - 40 mm, the dismounting of one pulley is necessary.

Construction:

The machine consists of a solid, electro welded base frame with a base for a user-friendly, comfortable working height.

The rotation speed of the transport discs can be adjusted steplessly via a D.C. gear motor and thus it can be adapted to each requested fire polishing level of the work pieces.

By use of a further steplessly adjustable D.C. gear motor, two pulleys are driven contrary to the transport direction, generating the rotation of the tube parts to be fire polished.

The distance of the transport discs to each other is adjustable and thus it can be adapted to each work piece length.

The feeding of the work pieces from the high capacity cutting machine 71/200 can be effected via a conveyor belt or via cassettes, magazines resp. guide rails (optional - not included at the scope of delivery).

All electrical elements are placed in a control box mounted at the base.

The burner gases (gas/oxygen) are distributed to each corresponding burner via a gas distributor rail with four connector plugs.

Herbert Arnold GmbH & Co. KG Weilburg
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

Address

Herbert Arnold GmbH & Co. KG
Weilstrasse 6
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0
Telefax: +49 (0) 64 71 20 65
E-Mail: info@h-arnold.de
Website: www.h-arnold.de

According to specification:
29.08.2011
All rights reserved



The complete installation includes:

- precision pressure controller
- safety device against flashback and gas return
- electro magnetic valves for locking the gas paths
- hose pipes to the burners and stands for fixing the burners at the machine

The burner gases are released via electro magnetic valves, controlled via push buttons on the control desk of the machine. After this the burners are manually ignited.

The burners are cooled with fresh water. The connection is provided at the machine.

Capacity:

The capacity depends on the kind of glass, diameter and the grade of fire polishing. Different sizes of transport discs/pulleys are available. These are adjusted to the individual customer's specifications and have to be ordered separately!

In addition, different fire polishing burners are available. The necessary size of burner as well as the corresponding quantity of mixing chambers have to be selected and ordered according to the work pieces to be worked.

Please inform us what kind of gas will be used.

Standard accessories:

- documentation with all safety instructions, machine plans, manuals, lists with spare and wearing parts
- standard operating tools
- burner piping and
- stands for 2 burners (1 set)

Herbert Arnold GmbH & Co. KG Weilburg
Amtsgericht Limburg HRA-Nr. 2032 P.h.G.: H. u. W. Arnold GmbH Weilburg
Amtsgericht Limburg HRB-Nr. 3071 Geschäftsführer: Dipl.-Ing. Wolfram Arnold

Address

Herbert Arnold GmbH & Co. KG
Weilstrasse 6
D-35781 Weilburg

Telephone: +49 (0) 64 71 93 94 -0
Telefax: +49 (0) 64 71 20 65
E-Mail: info@h-arnold.de
Website: www.h-arnold.de

According to specification:
29.08.2011
All rights reserved

