



## STEP 05: POLISH

# AUTOMATED POLISHING

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MF40 Pharma



MF80 Pharma

# FEATURES & BENEFITS

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### AUTOMATED POLISHING MACHINES

Polish dull and discoloured punches to a micro-fine, high quality finish using a drag finishing process.

#### KEY FEATURES:

- Stainless or Aluminium cabinet with door and perspex windows
- Tool holding fixtures attached to drive unit
- Automatic drag finishing process
- Variable speed drive
- Timer and safety interlock
- All electrics are single phase
- CE marked
- Compatible with various media types
- Now available with acetal, food grade punch holders

#### CORE BENEFITS:

- Polish dull and discoloured punches to a micro-fine, high quality finish
- Can polish coated punches
- Reduce health and safety risks
- Eliminate risk of overpolishing
- Allow smoother operation and improved efficiency within the tablet press
- Enable higher press speeds and increased tablet productivity
- Can help overcome common tooling problems such as sticking and corrosion
- Easy to use with minimum training required
- Consistent results every time

# PRODUCT SPECIFICATION

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TECHNICAL SPECIFICATIONS						
PART NUMBER	MACHINE	WIDTH <sub>(MM)</sub>	DEPTH <sub>(MM)</sub>	HEIGHT <sub>(MM)</sub>	WEIGHT <sub>(KG)</sub>	POWER <sub>(KVA/V)</sub>
HEPO-MF040	Microfine Polishing Machine - MF40 Pharma	1124	851	1972	350	1,2/230
HEPO-MF080	Microfine Polishing Machine - MF80 Pharma	1330	1090	2260	500	2,0/230

EXTRAS		
PART NUMBER	DESCRIPTION	QUANTITY
HEPO-IQOQ	IQ/OQ Documentation for MF Polisher	1
HEPO-SSMIXPAD	Stainless Steel Mixing Paddle for Polishing Paste	1
HEPO-COO04	Water Cooling System for MF40 Pharma	1
HEPO-COO05	Water Cooling System for MF80 Pharma	1

MF POLISHER PUNCH HOLDERS AND CAPACITY							
TYPE OF HOLDER	ACETAL				STEEL		
DESCRIPTION	B-TYPE	D-TYPE	441	FS-12	IMA	20/28	25/32
MF40	3 X 17 HOLES (51 PUNCHES) K-HEPO-COM22	3 X 12 HOLES (36 PUNCHES) K-HEPO-COM23	3 X 10 HOLES (30 PUNCHES) K-HEPO-COM29	3 X 22 HOLES (66 PUNCHES) K-HEPO-COM26	3 X 10 HOLES (30 PUNCHES) K-HEPO-COM01/I	6 X 9 HOLES (U&L) (27 PUNCHES) K-HEPO-COM01/K	6 X 9 HOLES (U&L) (27 PUNCHES) K-HEPO-COM03/K
MF80	5 X 17 HOLES (85 PUNCHES) K-HEPO-COM30	5 X 12 HOLES (60 PUNCHES) K-HEPO-COM31	5 X 10 HOLES (50 PUNCHES) K-HEPO-COM37	5 X 22 HOLES (110 PUNCHES) K-HEPO-COM35	5 X 10 HOLES (50 PUNCHES) K-HEPO-COM02/I	10 X 9 HOLES (U&L) (45 PUNCHES) K-HEPO-COM02/K	10 X 9 HOLES (U&L) (45 PUNCHES) K-HEPO-COM04/K

MF POLISHER DIE HOLDERS AND CAPACITY					
DESCRIPTION	D-TYPE	B-TYPE	BB-TYPE	BBB-TYPE	BBS-TYPE
MF 35/40&70/80	10 X D DIES K-HEPO-DIE02	12 X B DIES K-HEPO-DIE03	12 X BB DIES K-HEPO-DIE04	16 X BBB DIES K-HEPO-DIE08	16 X BBS DIES K-HEPO-DIE07
MF12	4 x D DIES K-HEPO-DIE09	6 X B DIES K-HEPO-DIE05	6 X BB DIES K-HEPO-DIE06		

### MF POLISHING // THE KEY FACTS:

01. Polish dull and discoloured punches to a micro-fine high quality finish using a drag finishing process // 02. The entire punch is automatically rotated through media and polishing paste // 03. Automated process saves valuable time in the tool room and ensures consistent results each and every time // 04. Means smoother operation and improved efficiency in the tablet press // 05. Can help overcome common tooling problems such as sticking and corrosion

# MF POLISHER ACCESSORIES

## STEP 05: POLISH



Acetal Holders FDA  
**COMPLIANT**

POLISHING GRANULE		
PART NUMBER	NOTES	QUANTITY
HEPO-PLA01A	<b>DFPA0/400 Plastic</b> – Best polishing capabilities. Chiller unit recommended	25kg
HEPO-WAL01	<b>H1/500 Walnut</b> – Good polishing capabilities, however is not suitable for 'nut free' environments	25kg
HEPO-MAZ03	<b>M1/03 Maize</b> – Offered as 'nut free' alternative to the walnut media	25kg
HEPO-WAL02	<b>Irradiated H1/500 Walnut</b> – Goes through a radiation process (dosage of 10-30 kilogray) to kill bacteria	25kg
HEPO-MAZ02	<b>Irradiated M1/03 Maize</b> – Goes through a radiation process (dosage of 10-30 kilogray) to kill bacteria	25kg
POLISHING PASTE		
HEPO-PLA05	<b>P16 – For Plastic</b> – Used to charge the media prior to use and re-charge the media after every 10 polishing hours	1kg
HEPO-PLA04	<b>P16 – For Plastic</b> – Used to charge the media prior to use and re-charge the media after every 10 polishing hours	7.5kg
HEPO-PAS03	<b>P1– For Walnut &amp; Maize</b> – Used to re-charge the media after every 10 polishing hours	1kg
HEPO-PAS02/2	<b>P1– For Walnut &amp; Maize</b> – Used to re-charge the media after every 10 polishing hours	7.5kg

### CONSUMABLE POLISHING MEDIA AND PASTE

**PLEASE NOTE:** Media should be replaced after every 100 hours use and paste after every 10 hours. Failure to renew media and paste within guidelines will result in poor performance of your MF polishing machine.

