

DIPROFIL Powered Hand Tools

The Original Diprofil Reciprocating Filing Machine and Diprofil Rotary Handpiece are designed for precision surface finishing operations. A wide range of tools and accessories have been developed to facilitate filing, lapping, honing, smoothing and polishing. Diprofil Powered Hand Tools are in use worldwide by Precision Engineers, Toolmakers, Mouldmakers and Die-Sinkers.

Features

- ◆ Interchangeable tool holders. ◆ Rugged construction. ◆ Wide range of Diprofil tools available.
- ◆ Proven reliability.



ORIGINAL DIPROFIL FILING MACHINE		
Description	Model	Code
The original Diprofil Filing Machine is available for connection to the KFD and GFD flexible drive systems. The machines can be supplied with standard 3.5mm ϕ or heavy duty 6.5 ϕ tool holders. An ergonomic rubber sleeve reduces vibration.	FPB/R	331017
	FPK/R	331018

Technical Data

Tool holder: Max. 3.5mm ϕ (FPB/R) or 6.5 mm ϕ (FPK/R)
 Stroke length: 0 - 6 mm
 Speed: Max. 10.000 rpm
 Weight: 0.6 kg



AIR DRIVEN DIPROFIL FILING MACHINE		
Description	Model	Code
The Air Driven Diprofil Filing Machine, FPD,FPL, is based on the original Diprofil Filing Machine driven by a specially developed 18-cylinder radial piston type air motor with integrated speed regulator. The machine is available with the same tool holders as described above.	FPD/R	331006
	FPL/R	331008

Technical Data

Tool holder: Max. 3.5mm ϕ (FPD) or 6.5mm ϕ (FPL).
 Stroke length: 0 - 6mm.
 Speed: Approx. 3,000 - 10,000rpm.
 Weight: 0.8 kg.

NEW



DI-PRO – LOW VIBRATING POLISHING/FILING MACHINE		
Description	Model	Code
To achieve as low vibration levels as possible, the machine has been optimised for tools within a certain weight-span. This is based on Diprofil's long experience in tools normally used with this type of machine and keeping within this weight-span gives optimal efficiency in relation to the vibration levels.	DI PRO FXB Integrated Micromotor	332030
	DI PRO FXPEJ Integrated Micromotor Eneska 3-1 Connection	332031
	DI PRO FXD Integrated Airmotor	332032
	DI PRO FXB For Flexible Shaft Slip Joint	332033

Technical Data

Tool holder: ϕ 3.5 Stroke length: 0 - 6mm.
 Speed: max 10,000rpm. Weight: approx 0.9 kg.

DIPROFIL Filing Machine with Micromotor

The Reciprocating and Rotary Handpieces are available with powerful micromotors. This allows more flexibility and control. The DPU/2 power unit compensates for speed drop when loaded and a convenient Foot Switch stop/start is available.



DIPROFIL RECIPROCATING HANDPIECE		
Description	Model	Code
The Original Diprofil Filing Machine with Micromotor. The machines can be supplied with two different tool holders: Standard 3.5mm \varnothing (FPP) or heavy duty 6.5mm \varnothing (FPM). For better comfort, each model is supplied with an ergonomic rubber sleeve. If required, all models have the possibility of air cooling through a thin air tube, connected to a nipple on the machine housing.	FPP/R	331023
	FPM/R	331011

Technical Data

Tool holder: Max. 3.5mm \varnothing (FPP) or 6.5mm \varnothing (FPM).
 Stroke length: 0 - 6mm.
 Speed: Approx. 1,000 - 9,000rpm.
 Weight: 0.8kg.



DIPROFIL ROTARY HANDPIECE (HPN)		
Description	Model	Code
The micromotor-driven Diprofil Rotary Handpiece, HPN, is suitable for a wide variety of applications, especially for high torque work.	HPN	331015

Technical Data

Speed: Approx. 3,000 - 22,000 rpm.
 Collets: 3 - 3.5mm \varnothing and 5.5 - 6.5mm \varnothing .



DIPROFIL POWER UNIT (DPU/2)		
Description	Model	Code
The Diprofil Power Unit (DPU/2) is designed to give maximum performance to the Diprofil micromotor machines. An electronic feedback system compensates for speed drop when loaded. The Diprofil Power Unit is also adaptable to other micromotors and has dual outputs.	DPU/2	331012

Technical Data

Input: AC 115/230V.
 Output: DC 0 - 32V. 3 amp.
 Weight: 2.8kg.
 Size: W151 x D171 x H77mm.



DIPROFIL FOOT SWITCH (DPU/2-C)		
Description	Model	Code
The Diprofil Switch (DPU/2-C) is connected to DPU/2 for convenient start/stop and variable function.	DPU/2-C	331507