



E.H. WACHS®

Superior Equipment. Complete Support.™



Lightweight, compact, and easily installed this system makes an excellent compliment to E.H. WACHS Split Frames and End Prep machine tool platforms.



Supplied in a sturdy, wheeled transport and storage case.



EPD (Electric Power Drive) System is available to power WACHS LCSF split frames and EP 424 end prep machines.



Control machine power and rotating speed from distance away with the hand pendant.



Patented quick-clamping; works with LCSF and EP 424 Machines.

Electric Power Drive EPD

NEW



Power controller is compact and portable

NEW Electric Power Drive EPD

E.H. WACHS Electric Power Drive (EPD) is a self contained, compact electric drive system that's an alternative to traditional pneumatic and hydraulic drives for larger field portable machine tools. Lightweight and easily transportable the WACHS EPD is powerful enough for all but the most demanding applications. Developed in Germany to world class standards the EPD is ideal for the power generation, oil & gas and pipeline distribution industries. Highly efficient, it eliminates the energy loss inherent in converting electric power to pneumatic or hydraulic, requiring less hardware.

Electric Power Motor Features:

- Premium construction for durability
- Maintenance free brushless design
- Moisture and dust resistant to IP65
- High torque output at low speed
- High voltage and current spike protection
- Rated for high continuous operating temperatures
- Over temperature protective thermal switch
- Overload clutch on drive motor

Power Controller Features:

- Small design size by high frequency technology
- Highly portable unit
- Versatile tool-free quick connection for machine mounting
- Runs on 230 V-400 V or 480 V (4KW- 8KW); optionally with 230 V or 400 - 480 V cable
- Moisture and dust resistant to IP65
- Error codes display
- Service reminder for gear, oil, and seal changes
- High torque at low speed
- Over temperature protection

Remote Control Features:

- Emergency Stop
- Speed control
- Hold to run trigger
- Start and Stop control



EPM (Electric Power Motor) with quick clamping system and speed independent air cooling

EPD

WACHS Electric Power Drive is a complete system that includes the electric drive motor, power supply/controller and remote control pendant. Weighing less than 16.5 kg (36 lbs), the electric power box (EPD) controller is housed in a small suitcase sized housing sealed to IP65 moisture and dust resistance standards. The high frequency electric power motor (EPM) is a lightweight (9 kg (19.8 lbs) yet powerful design also protected to IP65 that utilizes a quick, tool free mounting system.

Power Controller (Powerbox):

The EPD power controller drives the high frequency electric motor, and is available to cover the most popular voltages: a 230 V single phase - 400 V 3 phase or a 230 V single phase - 480 V 3 phase.



Remote control with speed regulator and power LED

Specifications	Electric Power Drive EPD
System Function	Electric Power Drive for E.H. WACHS LCSF Split Frame Models 206/3 and larger, EP 424 Form Tool and EP 424 Single Point models
Hand Pendant Construction	Black aluminum housing with stop/start, e-stop, motor speed control and hold to run trigger, 16.4 foot (5M) cable.
	EPM (Electric Power Motor)

Specifications	Electric Power Drive EPD
	Powder coated AC high frequency inertia brushless motor with aluminum housing and gear box, high voltage, current spike and over temperature protected. Output speed infinitely variable.
Voltage	230 V (1-phase) 400 V (3-phase) 480 V (3-phase)
Power	4 - 8 KW (4 kW at 230 V cables, 8 kW at 400 V cables) at 230 V approx. 40% lower speed
Speed (RPM)	160/250 RPM
EPM Part #	EPM8
Frequency	50 - 60 Hz
Amps	15 - 20 A
Weight	9.0 kg / 19.8 lbs
	EPB (Electric Power Box) Controller
	16.4 foot (5 m) power cord and motor cables. Power cord ships without wall receptacle, user installation required.
Voltage	230 V (1-phase) 400 V (3-phase) 480 V (3-phase)
Power	8 - 12 KW
EPM Part #	EPB 480
Frequency	50 - 60 Hz
Amps	15 - 20 A
Weight	16.5 kg / 36.38 lbs
Standard equipment	1 Electric Power Motor EPM 8 1 Electric Power Box EPB 480 1 Remote Control 1 Power supply cable (depending on version) 1 Hard-shell carrying case 1 Operating instructions

Article	Version	Code	WACHS Ref.-no.		
EPD for LCSF	400 - 480 V	900 007 001	-		
EPD for LCSF	230 V	900 007 002	-		
EPD for EP 424	400 - 480 V	900 007 003	-		
EPD for EP 424	230 V	900 007 004	-		
Retrofit adapter EP 424 pneumatic and hydraulic machines*		981 500 000	-		

* add EPD for EP424 separately.

