

E-PULSE ELECTRIC PUMP

Sell Sheet

FEATURES & BENEFITS:

- Premium Performance
 - High efficiency permanent magnet, direct drive motor enables continuous use and long service life
 - Smart controls enable motor to maintain constant power across the pressure range
 - Speed control with dial adjustment for precise operation
 - Low current draw minimizes circuit breaker tripping
- Rugged Durability
 - Fully-enclosed, aluminum extruded shell with integrated roll cage
 - Impact-absorbing, vibration-dampening feet
 - Built in thermal protection
 - Integrated heat exchanger (on TW version)
- User-Friendly Convenience
 - Integrated cord management and magnetic pendant
 - Aluminum exterior easily opens for maintenance by removing handle
 - Two position operation – horizontal or vertical



APPLICATIONS:

- Bolting
- Lifting
- Spreading
- Cutting
- Pulling
- Crimping
- Pressing
- Bending
- Punching



PENDANT CONTROL:

- Operation, programming, and diagnostics status provided to user with yellow, green, and red LED as well as vibration pulses
- Fault codes warn operators of any issues related to voltage, temperature, buttons, or if professional service is required
- When pump is plugged in, user will see solid green LED
- 3 pendants – dump & hold, torque wrench and jog/dump

Increased speed of work, speed control, rugged design, and ease of service – all in one package

E-PULSE ELECTRIC PUMP



Easy to service



Adjustable speed control







Smart controls



6 piston design

Enerpac Pumps Comparison:

				
	E-Pulse	PU	ZU	ZE
Flow @ pres (l/min)	0.52	0.33	1.0	0.65-3.28
Weight (kg)	18-22	12-24	27-51	41-120
Motor Size (kW)	0.63(constant kW)	0.37	1.27	0.75-5.60
Motor Type	Permanent Mag	Universal	Universal	Induction
Useable Oil Cap. (l)	3.0	1.9-3.8	4-40	4-40
Reservoir Mtl	Metal	Plastic	Metal	Metal
Speed Control	Yes	No	No	No
Interactive Pendant	Yes	No	No	No
Protective Cage	Standard	No	Accessory	Accessory
Automatic breather	Yes	No	No	No
Noise Level (dBA)	70-85	85	85-90	75

■ When to sell the E-Pulse over PU IT pumps:

- Looking for more flow/speed
- Looking for more continuous duty
- Don't want the weight of a ZU or ZE
- Looking for more precise operation – speed control

■ When not to sell the E-Pulse:

- Looking for a “basic” pump
- Looking for high flow and longevity of the ZU or ZE

E-PULSE ELECTRIC PUMP

Electric Pumps Competitive Comparison:

	Enerpac	PowerTeam		Hi-Force	EPP	BVA		Eagle Pro	Lukas	Riken	Nittoh
	E-Pulse	PE18	PE30	HEP103	MDE22R	PE30	PE40	EPB171	PO 4	SMP-40	UP45
Flow @ pres (l/min)	0.52	0.30	0.49	0.34	0.39	0.30	0.61	0.28	0.24	0.40	0.35
Weight (kg)	18	14-19	19	18-19	16-19	28	34	25	23	15-18	14-20
Motor Size (kW)	0.63(constant kW)	0.37	0.75	0.75	0.75	0.37	0.75	0.37	0.55	0.45	0.45
Motor Type	Permanent Mag	Universal	Induction	Universal	Universal	Induction	Induction	Induction	Universal	Universal	Universal
Useable Oil Cap. (l)	3.0	1.9	4.7	4.2	2.6	4.0	8.0	4.9	4.0	1.8	4.0
Reservoir Mtl	Metal	Metal	Metal	Metal	Plastic	Metal	Metal	Metal	Plastic	Metal	Metal
Speed Control	Yes	No	No	No	No	No	No	No	No	No	No
Pressure Gauge	Accessory	Accessory	Accessory	Standard	Accessory	Accessory	Accessory	Accessory	Accessory	Accessory	Standard
Interactive Pendant	Yes	No	No	No	No	No	No	No	No	No	No
Protective Cage	Standard	No	No	No	Accessory	No	No	No	No	No	No
Automatic breather	Yes	No	No	No	No	Yes	Yes	No	No	No	No
Noise Level (dBA)	70-85	85-90	82-87	No Data	No Data	80	80	No Data	84	No Data	No Data
Dimensions (cm) LxWxH	39x26x36	31x25x48	25x23x41	26x25x34	32x20x41	33x25x48	43x31x46	No Data	25x26x40	32x32x42	26x29x34

Electric Torque Wrench Pumps Competitive Comparison:

	Enerpac	PowerTeam		HyTorc	ITH	Torc-Tech	Dahlmann	CP	Hi-Force	FPT	Plarad
	EP3504T	PE30TWP	PE39	JetPro-S	Hydro-DAX 18	LP3	HE-025-3	EXE Min	HTWP214	HTW-C05	XB 1
Flow @ pres (l/min)	0.52	0.49	0.64	0.39	0.29	0.80	0.39	0.41	0.36	0.45	0.80
Weight (kg)	20-22	31	23	18	28	27	23	18	34	29	20
Motor Size (kW)	0.63(constant kW)	0.75	0.75	0.60	No Data	1.12	0.25	0.25	0.75	0.75	0.82
Motor Type	Permanent Mag	Induction	Universal	Induction	Induction	Induction	Induction	Induction	Induction	Induction	Induction
Useable Oil Cap. (l)	3.0	4.5	1.5	3.0	3.0	5.7	3	1.7	No Data	4.9	No Data
Reservoir Mtl	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal	Metal
Gauge Size (mm)	100	63	100	100	100	100	100	100	100	100	100
Quick Disconnect Gauge	Yes	No	Yes	No	No	No	No	No	No	No	No
Protective Cage	Yes	Yes	Yes	Yes	Yes	Accessory	No	No	Yes	Yes	Yes
Heat Exchanger	Yes	No	Accessory	No	No	Accessory	No	No	No	Accessory	No
Interactive Pendant	Yes	No	No	No	No	No	No	No	No	No	Option
Noise Level (dBA)	85	No Data	92	80	No Data	No Data	82	80	No Data	No Data	No Data
Dimensions (cm) LxWxH	43x26x36	33x36x43	28x36x61	38x23x36	48x52x37	45x30x43	31x36x43	33x25x43	21x47x45	27x43x41	46x25x38