

# REVOLUTIONARY

Quantum Leap Forward in Hydraulic Pulse Technology  
Coupled with a PRECISE Transducerized Battery Tool



Innovative Phoenix Pulse Unit with more efficient blades and elimination of springs  
*Lengthens Service Intervals* by as much as **400%** with a high degree of accuracy and a  
reaction-free operating experience

Extremely  
Accurate  
Torque Control &  
Angle Monitoring

Powerful  
& Intuitive  
Data  
Connectivity  
with Tool  
Controllers



Increased  
Power  
per Pulse

Improved  
Operator  
Comfort  
with near  
Reaction-Free  
feel

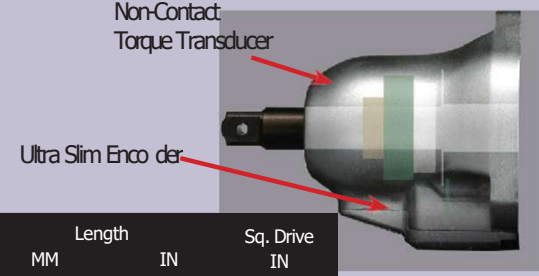
Fluid Cost  
Reduced  
by as much  
as 40%

## UBX-AFZ Series Shut-Off Battery Oil Pulse Tool

The UBX-AFZ series of Shut-Off Battery Oil Pulse Tools features Phoenix Pulse Tool technology design (patent pending) that houses fewer internal parts, lengthening fluid life and simplifying maintenance procedures.

### FEATURES AND BENEFITS

- On-board LED indicates fastening results
- Short duration, non-mechanical pulsing delivers torque to the fastener with near reaction-free feel
- Number of fastenings per minute (on average). Fastening time 0.5 sec.:
  - UBX-AF500Z: 11
  - UBX-AF700Z: 9
  - UBX-AF600Z: 10
  - UBX-AF900Z: 6
- Fastener quantity per full charge (on a B joint with 1sec or less freerun):
  - UBX-AF500Z: 440
  - UBX-AF600Z & UBX-AF700Z: 320
  - UBX-AF900Z: 450
- Elliptical movement within pulse unit produces more power per pulse
- High pulse frequency and crisp tool shut off results in accurate delivery of torque
- Cycle times on most joints are reduced for more efficient production
- Fluid costs reduced by as much as 40% (using OEM recommended fluid)
- Clear & concise data connectivity when integrated with tool controllers



### UBX-AFZ Series Tools

Model*	Nominal Bolt Size		Torque**		Weight W/O Battery		Free Speed RPM	Length		Sq. Drive IN
	MM	IN	NM	FT-LB	KG	LB		MM	IN	
UBXAF500Z	6-8	1/4-5/16	5-20	3.7-14.8	1.52	3.35	3,600	219	8.7	3/8
UBXAF600Z	8-10	5/16-3/8	15-40	111-29.5	1.52	3.35	4,800	219	8.7	3/8
UBXAF700Z	8-12	5/16-1/2	25-60	184-44.3	1.56	3.44	4,800	219	8.7	3/8
UBXAF900Z	10-12	3/8-1/2	35-72	258-53	1.81	4.0	4,800	255	10	1/2

\*Base model comes with no battery. Batteries are available separately or in tool/kit combinations. Add 'B' to end of the model number to order 1 tool with 1 battery. Add 'KIT' to the end of the model number to order a tool kit, which includes 1 tool, 2 batteries, and 1 battery charger.  
 \*\*Torque range varies depending on the battery size in use.

### UBX-AFZ Series Batteries and Battery Charger

Battery Model #*	Description	Voltage	Type	Capacity
EYFB32	Battery for UBX-AF500Z	10.8V	Li-Ion	2.0Ah
EYFB41	Battery for UBX-AF600Z & UBX-AF700Z	14.4V	Li-Ion	2.0Ah
EYFB43B	Battery for UBX-AF600Z & UBX-AF700Z (available for additional cost)	14.4V	Li-Ion	4.0Ah
EYFB50	Battery for UBX-AF900Z	18V	Li-Ion	5.0Ah



\*4.0Ah battery also available, Part #EYFB43B

Charger Model #	Description	Weight	Input Voltage	Dimensions	Battery Capacity
EYOL82B	Li-Ion battery charger	0.93 kg (20 lbs)	120VAC	9.3"Dx7.1"Wx3.6"H	3.0 - 4.2Ah

