

# 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-AF600Z: 10
  - UBX-AF700Z: 9
  - UBX-AF900Z: 6
- Fastener quantity per full charge (on a B joint with 1 sec 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	
UBX-AF500Z	6 - 8	1/4 - 5/16	5 - 20	3.7 - 14.8	1.52	3.35	3,600	219	8.7	3/8
UBX-AF600Z	8 - 10	5/16 - 3/8	15 - 40	11.1 - 29.5	1.52	3.35	4,800	219	8.7	3/8
UBX-AF700Z	8 - 12	5/16 - 1/2	25 - 60	18.4 - 44.3	1.56	3.44	4,800	219	8.7	3/8
UBX-AF900Z	10 - 12	3/8 - 1/2	35 - 72	25.8 - 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	10.8 V	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 (2.0 lbs)	120VAC	9.3" D x 7.1" W x 3.6" H	3.0 - 4.2Ah



QUALITY • INNOVATION • SERVICE

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