

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 new 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.

Enjoy clear & concise data connectivity when integrated with tool controllers.

Additional Features and Benefits

- Weight reduced by 0.3 lb (140 g) compared to the UDBP-TA70(P)
- 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):
 - UBX-AF500Z: 11 (fastening time 0.5 sec.)
 - UBX-AF600Z: 10 (fastening time 0.5 sec.)
 - UBX-AF700Z: 9 (fastening time 0.5 sec.)
- Fastener quantity per full charge (on a B joint with 1 sec or less freerun):
 - UBX-AF500Z: 440
 - UBX-AF600Z & UBX-AF700Z: 320
- 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% (when using OEM recommended fluid)



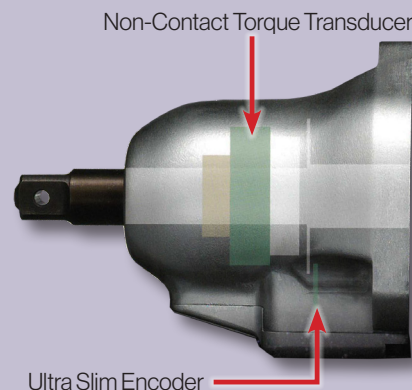
UBX-AF500Z



UBX-AF600Z



UBX-AF700Z



Non-Contact Torque Transducer

Ultra Slim Encoder

MODEL*	NOMINAL BOLT SIZE		TORQUE**		WEIGHT W/O BATTERY		FREE SPEED	LENGTH		HEIGHT		SQ. DRIVE
	MM	IN	NM	FT-LB	KG	LB		MM	IN	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	255	10.1	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	255	10.1	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	255	10.1	3/8

* 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.

BATTERIES AND BATTERY CHARGER

BATTERY MODEL #*	DESCRIPTION	VOLTAGE	TYPE	CAPACITY
EYFB32	Battery for UBX-AF500Z	10.8	Li-Ion	2.0Ah
EYFB41	Battery for UBX-AF600Z & UBX-AF700Z	14.4V	Li-Ion	2.0Ah

* 4.0Ah battery also available, Part #EYFB42B

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



EYFB32

EYFB41

Battery Charger:
EYOL82B



QUALITY • INNOVATION • SERVICE

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