

### Where **Power** Meets **Precision**







# One **system.** One **solution.** Completely for **you.**

Zimmer Biomet's X Series<sup>®</sup> Power System is designed with one goal in mind: being a trusted system for a variety of surgical orthopedic procedures. Created by surgeons for surgeons, X Series Power System has a modular design that's intended to deliver a lightweight, ergonomic system with the power you need for Reconstructive procedures and the versatility you demand for Ortho Trauma procedures. It's one system, one solution, completely for you.



#### Performance

X Series Power System is powerful and ergonomic for challenging cases, yet small and agile for delicate cases

#### Modularity

An expertly crafted modular design delivers dynamic drilling, reaming and sawing, all from one single handpiece

#### Crossover

Designed for both large bone Reconstruction and Orthopedic Trauma procedures, X Series Power System potentially reduces the type and number of sets needed to operate efficiently

#### Efficiency

X Series Power System provides you with one system for multiple uses to address daily operational costs

#### Support

Dedicated Zimmer Biomet sales and clinical support team members are there for you every day, every step of the way

## Handpiece

### Engineered for **power**, crafted for **precision**.

Developed through the shared experience of an international team of surgeons and engineers, X Series Power System provides a system that puts you in control. From the ergonomics to the differentiated torque to the variable trigger speed, X Series Power System is designed for different techniques and preferences.

**SERIES**<sup>®</sup>

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#### **Differentiated Torque**

Engineered for reaming in demanding cases, providing power when you need it most

#### Attachment Release

Single point release for quick attachment changeover

#### Selector Switch

Convenient on/off toggle switch (directional control in single trigger configuration)

#### Variable Trigger Speed

Responsive trigger speed to your input for precise control and refinement, allowing you to deliver the speed and torque needed for your specific application

#### **Single and Dual Trigger**

Trigger set-up configured with dedicated forward, reverse and oscillation modes for varying applications

#### **Ergonomic Form**

Natural feel in palm designed to minimize hand and wrist fatigue

#### Lightweight

Small and balanced design for a compact power experience during delicate cases





## Surgical Attachments •

### Modular by **design** to meet your clinical **needs**.

With performance, reliability and modularity carefully designed into every attachment, X Series Power System was created for ease of use.

- Attachments spanning sawing, drilling, reaming and pin/wire driving allow you to address a wide variety of clinical applications
- · Color-coded attachments allow for quick and easy identification
- Easy, single-step attachment engagement and disengagement allows for quick and efficient changeover, eliminating the need for dedicated handpieces
- Strategically designed attachments enhance visibility in the surgical site, allowing you to work with minimal obstructions









#### Sawing 12,500 cpm

Oscillating saw attachment provides flexibility with adjustable length saw blades, allowing for multiple length options across a single blade

#### Drilling 1,500 rpm

High-speed drilling combined with a variable trigger keeps you in control through all drilling applications

#### Standard Torque 600 rpm

Reaming is tuned to provide the right balance of precision and power for Ortho Trauma applications

#### High Torque 270 rpm

High-power reaming delivers maximum unit torque for Reconstructive applications

#### Pin/Wire Drivers 0.6–4.0 mm

Pin driver and wire driver are designed with passive friction to hold pins and wires during handpiece hand-off, and to aid in pin and wire engagement



## Batteries/Chargers/Electric Power Supply

### The power behind your **power system.**

We consider the power source as important as the handpiece. X Series Power System delivers a variety of power source options that will keep you running case after case. With advanced lithium-ion technology, a real-time power gauge and a vertical six-bay battery charger, now is the time to expect more from your power system.



 $V\text{-}PRO^{\$}$  is a trademark of Steris Corporation. STERRAD $^{\$}$  is a trademark of Johnson & Johnson Corporation.

#### Aseptic/Sterilizable Batteries: Personalized Power

• Aseptic and sterilizable battery options to meet your facility protocols

#### **Power Gauge**

• Real-time power gauge indicates remaining battery life, providing visual confidence to complete your procedures

#### **Maximum Power**

 Advanced lithium-ion technology designed for full procedure battery life

#### **Minimal Charge Time**

• Completely depleted batteries charge in one hour; average charge time is less than 30 minutes

#### **Sterilization Flexibility**

 Sterilizable batteries are validated with V-PRO<sup>®</sup>, STERRAD<sup>®</sup>, Pre-vac and IUSS methodologies

#### Battery Charger:

#### **Charging Efficiency**

• Six-bay battery charger is capable of charging six batteries at a time, reducing the need for extra chargers

#### **Strategic Design**

• Streamlined, vertical design for minimal footprint to preserve counter space

#### **Real-time Charging Status**

• Visual indicator for real-time charging status and advanced battery error detection

#### Electric Power Supply: AC Power Alternative

- Power supply compatible with single and dual trigger handpieces
- No advanced set-up required
- Power delivery equivalent to battery

A power cord will need to be ordered separately for your applicable region.





## Wash Basket and Sterilization

### Clean with **confidence**.

With a dual-purpose, heavy-duty wash basket and a power system designed to be auto-washed with high pH detergents, X Series Power System stands up to your hospital needs and lets you clean with confidence.

#### **High pH Capabilities**

 Handpieces and attachments can be auto-washed with solutions up to 10.8 pH

#### **Multiple Basket Designs**

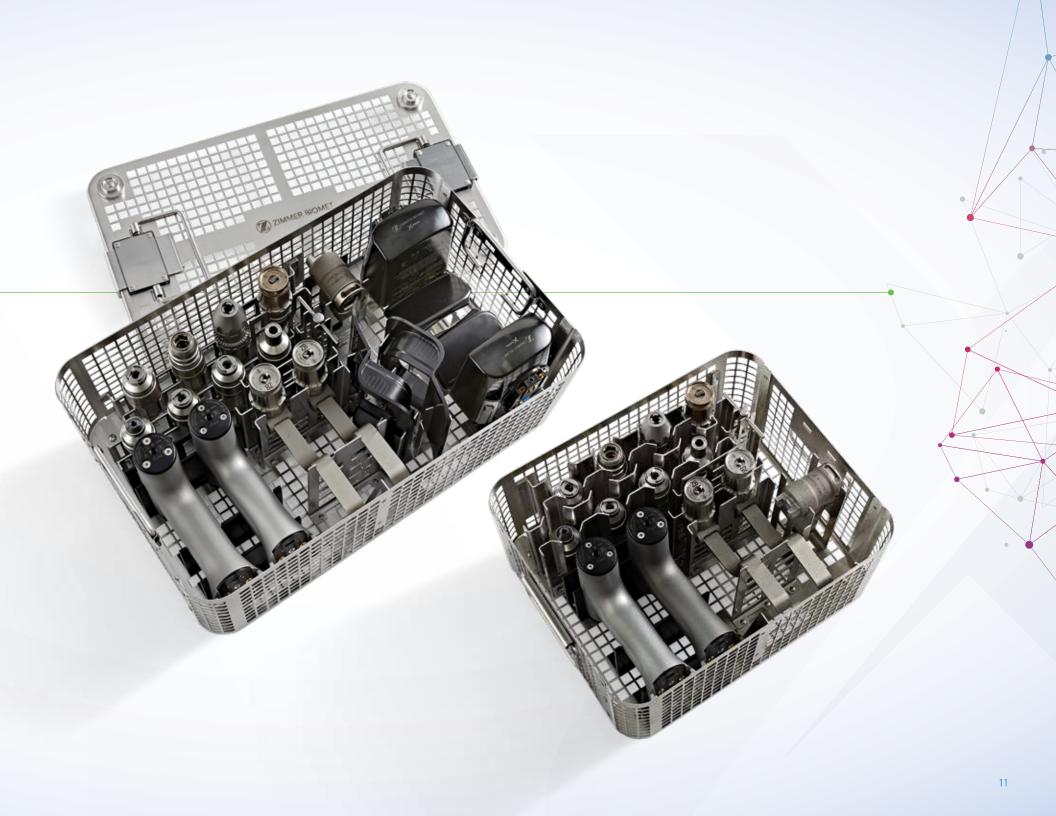
• One- and two-handpiece basket designs to fit your needs and applications

#### **Dual-purpose Basket**

• Lightweight basket designed to meet both auto-wash and sterilization protocols

#### Sterilization

• Can be used as a standalone basket or paired with a hard-sided case





### Blades •

### **X Series STABLECUT**<sup>®</sup> adjustable saw blades.

Our adjustable saw blades, made specifically for X Series Power System, provide 20mm of adjustable length in a single blade. Designed for OR efficiency and for reducing the total number of SKUs to manage in Reconstructive and Ortho Trauma applications.

#### **Coarse Aggressive GTS Blade**

Designed with fewer teeth per inch for a more aggressive cut. The wide debris relief channel guides bone fragments away from the cutting action, decreasing skiving.

#### **Tiger Blade**

Our tiger tooth pattern features a balance of precision and aggressiveness. Designed with debris channels to guide bone fragments away from the cut.

#### **Flat Blade**

Flat blades tend to progress through the bone more slowly and are regarded as less aggressive.

#### **GTS Blade**

The Ground Tooth Set (GTS) design allows for increased debris relief by channeling bone fragments away from the cutting action to minimize skiving. Optimal cutting performance and a clean cut are achieved by using a flat, thick material for the saw blade, then grinding and offsetting the teeth.

#### **Ribbed Blade**

Longitudinal ribs are stamped into the material, allowing for debris clearing. The teeth are set in an alternating vertical pattern, creating a pathway for debris and allowing for an aggressive cut.

#### **Tooth Set Blade**

Features teeth that are set in an alternating vertical pattern. This creates pathways for debris and allows for an aggressive cut.

### Handpieces

Description	SKU
Double Trigger Handpiece	89-8520-400-00
Single Trigger Handpiece	89-8520-400-10

### **Sawing Attachments**

Description	SKU	
Sagittal Saw	89-8522-450-60	
Reciprocating Saw	89-8522-450-20	
<b>Sternum Saw Guard Standard</b> (use with 89-8522-450-20)	89-8522-440-90	
Sternum Saw Guard Large (use with 89-8522-450-20)	89-8522-440-95	
Sternum Guard Standard (use with 89-8522-450-20)	06032110UR1 06032100UR1	
Sternum Guard Large (use with 89-8522-450-20)	06046119UR1	

### **Rotary Attachments**

Description	<b>High Torque</b>	Standard Torque	Drill
Large AO	89-8522-270-10	89-8522-600-10	-
Small AO	-	89-8522-600-20	89-8522-150-20
Harris	89-8522-270-30	89-8522-600-30	-
Hudson	89-8522-270-40	89-8522-600-40	89-8522-150-40
Trinkle	89-8522-270-50	89-8522-600-50	89-8522-150-50
DCS/DHS	89-8522-270-60	89-8522-600-60	-
Zimmer	89-8522-270-70	89-8522-600-70	89-8522-150-70
Zimmer/Hudson	89-8522-270-80	89-8522-600-80	89-8522-150-80
1/4IN Hybrid Chuck w Key	89-8522-270-90	89-8522-600-90	89-8522-150-90
1/4IN Chuck Key Only	-	-	89-8522-150-91
5/32IN Hybrid Chuck w Key	-	-	89-8522-150-95
5/32IN Chuck Key Only	-	-	89-8522-150-96

### **Pin/Wire Drivers**

Description	SKU
Pin Driver 2.0–4.0 mm	89-8522-451-42
Wire Driver 0.6–2.2 mm	89-8522-451-43

### **Power Supply**

Description	SKU
Charger for Aseptic Battery	89-8521-470-00
Charger for Sterilizable Battery	89-8521-470-10
Sterilizable Battery	89-8521-470-20
Aseptic Battery	89-8521-470-30
Aseptic Battery Housing	89-8521-470-40
Aseptic Battery Funnel	89-8521-470-50
Electric Power Supply	89-8521-470-70
Sterilizable Cord for Electric Power Supply	89-8521-470-80
CEE 7 Power Cord, Cent-Euro-Korea	00992010101
SEV 1011 Power Cord, Switzerland	00992010102
CEI 2350 Power Cord, Italy	00992010103
AS NZS 3112 Power Cord, Australia- New Zealand	00992010104
JIS 8303 Power Cord, Japan-Taiwan	00992010105
BS 546 Power Cord, India-S Africa	00992010106
GB 20991 Power Cord, China	00992010107
NBR 14136 Power Cord, Brazil	00992010108
HG DENMARK Power Cord	00992010109
BS 1363 Power Cord, Brit-HK-Singa	00992010110
USA US Power Cord, US	00992010112

### **Sterilization Cases**

Description	SKU
2HP Basket	89-8523-100-20
1HP Basket	89-8523-100-30
2HP Basket w Housing Slots	89-8523-100-40
1HP Basket w Housing Slots	89-8523-100-50
Single HP Tray w Housing Slot	89-8523-300-10

Footh Design	Nominal Length (mm)	Adjustable Length (mm)	Width (mm)	Thickness (mm)	Straight	Flare
oarse Aggressive GTS Blade	100	90–110	20	1.37	20100137XC1	-
				1.27	20100127XC1	-
				1.19	20100119XC1	-
			13/20	1.37	-	20100137XCW
				1.27	-	20100127XCW
				1.19	-	20100119XCW
	90	80–100	25	1.37	25090137XC1	-
				1.27	25090127XC1	-
				1.19	25090119XC1	-
			19/25	1.37	-	25090137XCW
				1.27	-	25090127XCW
				1.19	-	25090119XCW
			20	1.37	20090137XC1	-
				1.27	20090127XC1	-
				1.19	20090119XC1	-
			13/20	1.37	-	20090137XCW
				1.27	-	20090127XCW
				1.19	-	20090119XCW
ger Tooth Blade	100	90–110	25	1.23/1.37	25100137XX1	-
				1.13/1.27	25100127XX1	-
				1.04/1.19	25100119XX1	-
				0.89/1.00	25100100XX1	-
			18	1.38/1.47	18100147XX1	-
				1.23/1.37	18100137XX1	-
				1.13/1.27	18100127XX1	-
				1.04/1.19	18100119XX1	-
				0.89/1.00	18100100XX1	
	90	80–100	25	1.38/1.47	25090147XX1	-
				1.23/1.37	25090137XX1	-
				1.13/1.27	25090127XX1	-
				1.04/1.19	25090119XX1	-
				0.89/1.00	25090100XX1	
			18	1.38/1.47	18090147XX1	-
				1.23/1.37	18090137XX1	-
				1.13/1.27	18090127XX1	-
				1.04/1.19	18090119XX1	-
				0.89/1.00	18090100XX1	-
			13	1.13/1.27	13090127XX1	_
				1.04/1.19	13090119XX1	-

### Large Bone Oscillating Saw Blades

Footh Design	Nominal Length (mm)	Adjustable Length (mm)	Width (mm)	Thickness (mm)	Straight	Flare
Figer Tooth Blade (cont.)	70	60-80	18	1.38/1.47	18070147XX1	_
				1.23/1.37	18070137XX1	-
				1.13/1.27	18070127XX1	-
				1.04/1.19	18070119XX1	-
				0.89/1.00	18070100XX1	-
	65	55–75	35	0.8/0.89	35065089XXW	-
iround Tooth Set (GTS) Blade	100	90–110	19/25	1.37	-	25100137XGW
				1.27	-	25100127XGW
				1.19	-	25100119XGW
			21	1.47	21100147XG1	-
				1.37	21100137XG1	-
				1.27	21100127XG1	-
				1.19	21100119XG1	-
			19	1.47	19100147XG1	-
				1.37	19100137XG1	-
				1.27	19100127XG1	-
				1.19	19100119XG1	-
			17	1.47	17100147XG1	-
				1.37	17100137XG1	-
				1.27	17100127XG1	-
				1.19	17100119XG1	-
	90	80–100	25	1.47	25090147XG1	-
				1.37	25090137XG1	-
				1.27	25090127XG1	-
				1.19	25090119XG1	-
			21	1.47	21090147XG1	-
				1.37	21090137XG1	-
				1.27	21090127XG1	- / /
				1.19	21090119XG1	-
			13/21	1.47	-	21090147XGW
				1.37	-	21090137XGW
				1.27	-	21090127XGW
				1.19	-	21090119XGW
			19	1.47	19090147XG1	-
				1.37	19090137XG1	-
				1.27	19090127XG1	-
				1.19	19090119XG1	_

Tooth Design	Nominal Length (mm)	Adjustable Length (mm)	Width (mm)	Thickness (mm)	Straight	Flare
Ground Tooth Set (GTS) Blade (cont.)	90	80–100	17	1.47	17090147XG1	-
				1.37	17090137XG1	-
				1.27	17090127XG1	-
				1.19	17090119XG1	-
			13	1.47	13090147XG1	-
				1.37	13090137XG1	-
				1.27	13090127XG1	-
				1.19	13090119XG1	-
	70	60-80	25	1.47	25070147XG1	-
				1.37	25070137XG1	-
				1.27	25070127XG1	-
				1.19	25070119XG1	-
			21	1.47	21070147XG1	-
				1.37	21070137XG1	-
				1.27	21070127XG1	-
				1.19	21070119XG1	-
			19	1.47	19070147XG1	-
				1.37	19070137XG1	-
				1.27	19070127XG1	-
				1.19	19070119XG1	-
			17	1.47	17070147XG1	-
				1.37	17070137XG1	-
				1.27	17070127XG1	-
				1.19	17070119XG1	-
	65	55–75	13	1.27	13065127XG1	-
				1.19	13065119XG1	-

Footh Design	Nominal Length (mm)	Adjustable Length (mm)	Width (mm)	Thickness (mm)	Straight	Flare
lat Blade	100	90–110	13/21	1.47	-	21100147XFW
				1.37	-	21100137XFW
				1.27	-	21100127XFW
				1.19	-	21100119XFW
	95	85–105	19	1.37	19095137XF1	-
				1.27	19095127XF1	-
				1.19	19095119XF1	-
	90	80–100	25	1.37	25090137XF1	-
				1.27	25090127XF1	-
				1.19	25090119XF1	-
				1.00	25090100XF1	-
				0.89	25090089XF1	-
			19/25	1.00	-	25090100XFW
				0.89	-	25090089XFW
			13/21	1.47	-	21090147XFW
				1.37	-	21090137XFW
				1.27	-	21090127XFW
				1.19	-	21090119XFW
				1.00	-	21090100XFW
			19	1.47	19090147XF1	-
				1.00	19090100XF1	-
				0.89	19090089XF1	-
			13	1.47	13090147XF1	-
				1.37	13090137XF1	-
				1.27	13090127XF1	-
				1.19	13090119XF1	-
				1.00	13090100XF1	-
				0.89	13090089XF1	- /
	85	75–95	19	1.37	19085137XF1	
				1.27	19085127XF1	-
				1.19	19085119XF1	-
	80	70–90	25	0.89	25080089XFW	-
			8/13	1.27	-	13080127XFW
	75	65–85	8	1.00	08075100XF1	-
	70	60-80	25	1.37	25070137XF1	-
				1.27	25070127XF1	-
				1.19	25070119XF1	-
				1.00	25070100XF1	-
				0.89	25070089XF1	

Tooth Design	Nominal Length (mm)	Adjustable Length (mm)	Width (mm)	Thickness (mm)	Straight	Flare
Flat Blade	70	60-80	19	1.47	19070147XF1	-
				1.37	19070137XF1	-
				1.27	19070127XF1	-
				1.19	19070119XF1	-
				1.00	19070100XF1	-
				0.89	19070089XF1	-
	65	55–75	13	1.27	13065127XF1	_
				1.19	13065119XF1	-
				1.00	13065100XF1	-
				0.89	13065089XF1	-
	60	50–70	19	0.64	19060064XF1	-
			13	0.64	13060064XF1	-
	45	35–55	13	0.64	13045064XF1	-
	48	-	40	0.64/1.00	40048100XFF	-
Tooth Set Blade	65	55–75	35	1.19/1.47	35065147XTW	-
			30	0.89/1.19	30065119XTW	-
Ribbed Blade	95	85–105	25	1.47	25095147XB1	_
				1.37	25095137XB1	-
				1.27	25095127XB1	-
				1.19	25095119XB1	-
	90	80–100	25	1.37	25090137XTB	-
				1.27	25090127XTB	-
Rasp	38	-	35	1.27	20038127XA1	-

### Small Bone Oscillating Saw Blades

Length (mm)	Width (mm)	Thickness (mm)	Coarse	Fine
35	13.5	0.38/0.60	14035060XTC	-
	9	0.38/0.60	09035060XTC	-
31	9	0.38/0.60	09031060XTC	09031060XTF
	7	0.38/0.60	07031060XTC	-
25	7	0.38/0.60	07025060XTC	-
	6	0.38/0.60	-	06025060XTF

### **Reciprocating Saw Blades**

Blade Design	Usable Length (mm)	Width (mm)	Thickness (mm)	Part Number
Single Sided	90	12	1.19	12090119UR1
	70	10	1.19	10070119UR1
	70	10	0.64/0.89	10070089URL
	46	6	0.89/1.19	06046119UR1
	32	6	0.64/1.00	06032100UR1
	31.5	6	0.79/1.10	06032110UR1
Double Sided	76	13	0.89	13076089UR1
		12	1.00	12076100UR1
			1.00/1.19	12076119UR1

### **Oxford Knee Resection Procedure**

Blade Design	<b>Cemented Individual Blade Part Numbers</b>	<b>Cementless Individual Blade Part Numbers</b>
Reciprocating 70 mm x 10 mm x 1.19 mm	10070119URO	10070119URO
Oscillating 90 mm x 13 mm x 0.89 mm	13090089XFO	13090089XFO
Keel Reciprocating	51KEELCMUR1	47KEELCLUR1

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