

BOJIN MEDICAL

▶ *Reliable Battery Power*



CE FDA ISO ISO



OrthoMax™
OrthoPower™ Solo
System 5000 Surgical Power Tools



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Product Brochure

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OrthoMax BJ5400

BJ5400 is a powerful, stable and modular powered instrument for trauma and joint replacement surgery. Optimized ergonomics improves ease of use. Powered with Ni-MH batteries with a new enhanced motor design, it assures high reliability and performance.

POWER

High torque handpiece, providing the surgeon with the necessary power for joint replacement surgery.

VERSATILITY AND RELIABILITY

Rotary attachments for quick and easy connection include:

- Bone drill (chuck)
- Reamer with all the major connectors present on the market
- Wire/Pin driver

OrthoMax2 BJ5600

BJ5600 is the latest innovation in high performance large bone power tools from Bojin. This modular handpiece provides outstanding torque for drilling and reaming. This new handpiece produces 10% more reaming torque than BJ5400.

POWER

Higher torque compared to BJ5400 to provide the surgeon with the necessary torque for demanding procedures.

VERSATILITY AND RELIABILITY

Rotary attachments for quick and easy connection include:

- Bone drill (chuck)
- Reamer with all the major connectors present on the market
- Wire/Pin driver

Twin trigger handpiece with forward, reverse and oscillating modes



HANDPIECE	Model	Description	Speed (rpm)	Weight (g)	Cannulation (mm)
	BJ5400	OrthoMax handpiece	0 - 1100	650	5
	BJ5600	OrthoMax2 handpiece	0 - 1100	1100	4
ATTACHMENTS	Model	Description	Speed (rpm)	Torque (Nm)	Cannulation (mm)
	BJ5402	Bone drill attachment	0 - 1100	3.2 ⁽⁵⁴⁰⁰⁾ 3.5 ⁽⁵⁶⁰⁰⁾	4.4
	BJ5402SAO	AO drill attachment	0 - 1100	3.2 ⁽⁵⁴⁰⁰⁾ 3.5 ⁽⁵⁶⁰⁰⁾	-
	BJ5407B/D	Acetabulum reaming drill attachment	0 - 350	9 ⁽⁵⁴⁰⁰⁾ 10 ⁽⁵⁶⁰⁰⁾	-
	BJ5413	K-wire driver	0 - 1100	-	0.8-3.8





*Available for both Orthomax and Orthomax 2 handpiece.





OrthoPower Solo System 5500

5500 is a series of dedicated handpieces which provide the surgeon with power for the most demanding acetabular reaming procedures. Dedicated saws include the rotary design that allows a 360° cutting range, which reduces the distance to the surgical site, a critical factor to ease osteotomy procedures.

POWER AND RELIABILITY

High torque single function power tools. This has been achieved through continual engineering refinements.

Model	Description	Oscillation (osc/min)	Speed (rpm)	Torque (Nm)	Cannulation (mm)
 BJ5501	Sagittal saw	0 - 15000	-	-	-
 BJ5501-II	360° Sagittal saw	0 - 15000	-	-	-
 BJ5503B/D	Cannulated drill	-	0 - 630	6	4.2
 BJ5504	Cranial drill	-	0 - 1100	3	-

Model	Description	Oscillation (osc/min)	Speed (rpm)	Torque (Nm)	Cannulation (mm)
 BJ5505	Cranial bur	-	0 - 15000	-	-
 BJ5506	Sternum saw	0 - 15000	-	-	-
 BJ5507B/D	Acetabulum reaming drill	-	0 - 350	10	-
 BJ5509	Reciprocating saw	0 - 15000	-	-	-



◀ BJ5501-II 360° Sagittal saw



OrthoPower™ Solo

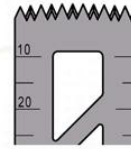
Bojin Ni-MH batteries have plenty of power and capacity to last through even the hardest cases, including total joint replacement procedures.

Single charger can be easily changed to suit the batteries being charged.

The multi charger accepts four batteries. The fourth slot is for battery charge verification.

ACCESSORIES	Model	Description	Specification
	BJ43001	Battery	Ni-MH 9.6V 1800mA/h
	BJ43002	Charger	AC110 - 220V
	BJ43002-4B	Multi - charger	AC110 - 220V
	BJ43003	Battery case	-
	BJ43004	Aseptic transfer kit	-
	BJ43005	Key	-

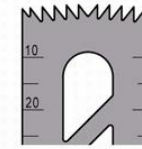
BLADES



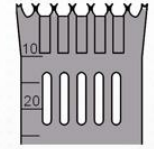
Diamond Ground
 · Tooth pattern is cut into blade
 · Angles are grounded into the faces of teeth
 · Two rows of sharp teeth
 · Cutting thickness is same as the blade itself



Standard Offset
 · Tooth geometry similar to Diamond-Ground blades
 · Two rows of teeth formed by bending alternating teeth away from the surface of the blade



Tooth pointing in opposite directions offer a cleaner cut.



Tooth formation channels debris for a cleaner cut.

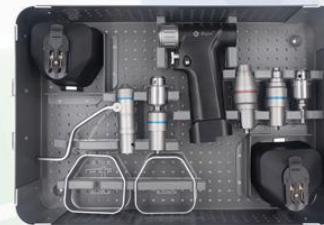


Bojin coupling



Zimmer coupling

STERILIZATION CASE



Bojin sterilization cases are modular systems built to provide easy maintenance and storage for its power tools. Cases are engineered to protect and prolong the life of your Bojin surgical instruments.

BJXDH-5400/BJXDH-5600

CHARGE

III

88.8

Accessories