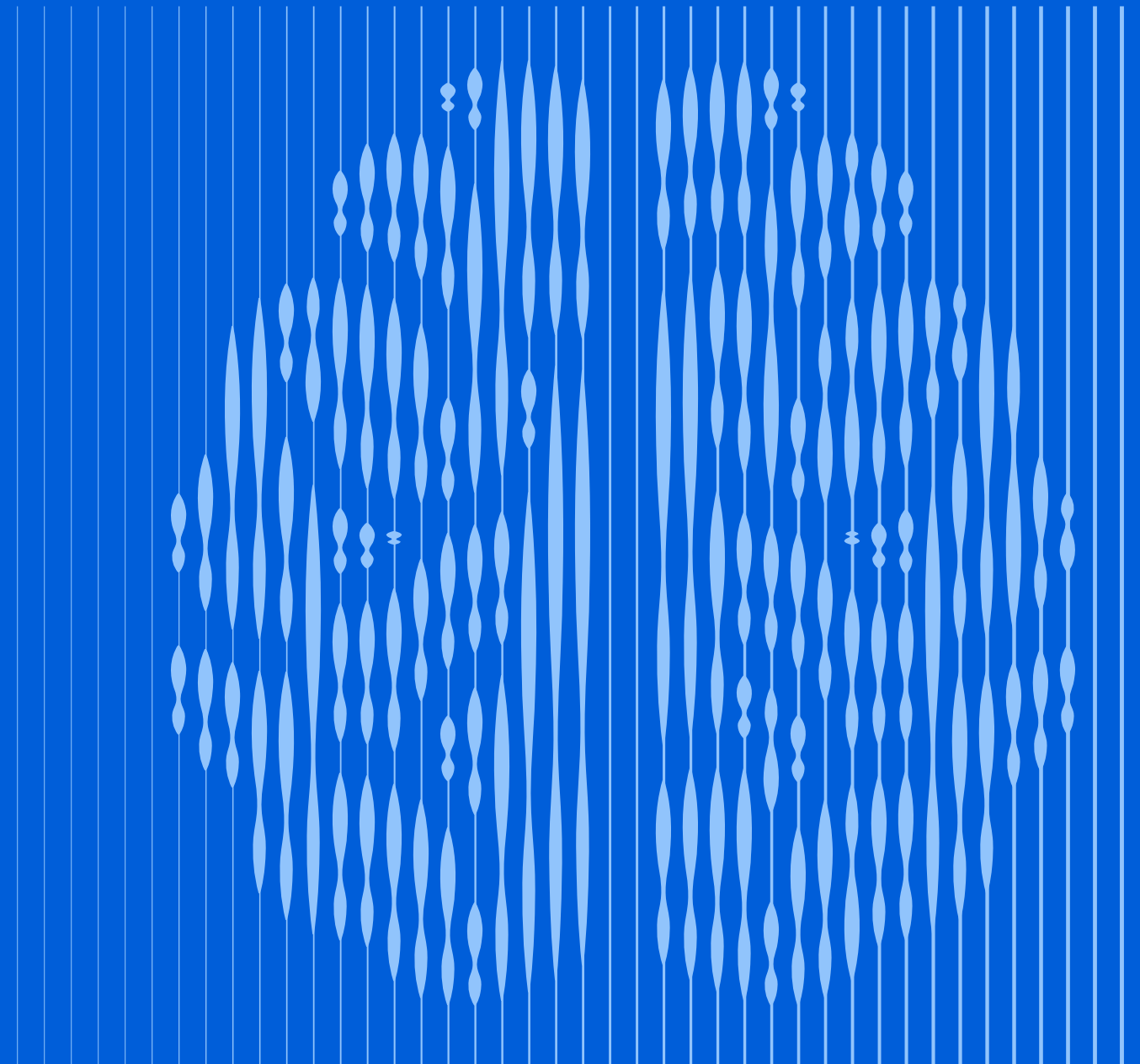




SURGICAL POWER DEVICE Neurosurgery Series

• Products shown in this brochure may not be available in all countries or regions. Availability is subject to local regulatory approvals.



CHONGQING XISHAN SCIENCE & TECHNOLOGY CO., LTD.

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Supplier of Total Solution of
Minimally Invasive Surgical Instruments

Advancing Minimally Invasive Surgery Through Integrated Innovation

Chongqing Xishan Science & Technology Co., Ltd. is a national high-tech medical device company dedicated to the R&D, manufacturing, and global commercialization of minimally invasive surgical solutions.



Employees

800+



Countries

50+



End Users

5000+



Patents

1300+

Founded in 1999, we have established a comprehensive portfolio covering surgical power tools, 4K UHD endoscopy systems, and electrosurgical systems. With strong R&D capabilities and ongoing clinical collaborations, our products are widely used across neurosurgery, spinal surgery, ENT, orthopedics, breast surgery, and other surgical specialties worldwide.

XISHAN

* All figures presented are based on internal statistics and official records as of July, 2026. Patent counts include both granted patents and pending applications globally. Data is approximate and subject to continuous growth.

Surgical Power Tools for Neurosurgery

Intelligent Power Control

Auto-stop perforator equipped with an automatic air-cooling micromotor and constant-speed output control, featuring intelligent self-recognition and self-diagnosis functions. It delivers high power performance with a maximum speed of up to 80,000 rpm. The system supports multi-function integration, combining drilling, milling, and grinding, with optional small-bone drill, small-bone saw, and shaver attachments.

Surgical Power Device

- Model DK-N-MS/MP
- Dimension: 315*308*171mm
- 7-inch TFT touch screen
- Irrigation pump flow rate: 10 adjustable levels, 0–130 mL/min
- 100-240V wide voltage design, speed drop under load: ≤5%
- Auto-identification of attachments and instruments
- Auto-diagnosis & self-protection

Foot Switch

- Stepless speed control
- Dual-function switch: left control / right cooling
- IPX8 waterproof
- Cable length: 3 m

Indication

Craniotomy, Keyhole, Skull-base Surgery, Ventricular Drainage, Intracerebral Implantation, Maxillofacial Surgery, Small Bone Surgery



Cranial Attachment & Consumables

Engineered for Precision



Micromotor DJ20/DJ4A

- Automatic air-cooling
- Max. speed: 40,000 rpm
- Power: 150 W
- Torque: 29 mNm
- Steam autoclavable

Perforator Pistol ZSB2A

- Max speed: 1,500 rpm
- Weight: 450 g
- Ergonomic design

Craniotome Handpiece XJ6

- Max. speed: 40,000 rpm
- Pen-shaped design
- Min. gap: 1.6-2.34 mm

Cutting guard

- Fixed / Rotatable 360°
- Depth: 12/18/26 mm



Single-use Sterile Perforator		
Model	ΦD (mm)	No. of Blades
LT04C.DS	4	2
LT06C.DS	6	2
LT09C.DS	9	2
LT12C.DS (DBS)	12	2
LTT09C.DS	9	3
LT09M.DS	9	2
LT12M.DS	12	2
LTT09M.DS	9	3
LTT12M.DS	12	3



Single-use Sterile Cutter		
Model	ΦD (mm)	L (mm)
XD1816A.DS	1.6	18
XDM1618B.DS	1.8	16

High-speed Drill

Efficient. Stable. Safe.



Micromotor DJ21/DJ6A

- Automatic air-cooling
- Max. speed: 40,000 rpm
- Power: 100 W
- Torque: 11 mNm
- Steam autoclavable

High-speed Handpiece MSB1A,MSB2A

- Max speed: 40,000 rpm / 80,000 rpm
- Working Length: 70/95/125/150 mm
- Shape: Straight, 21°angled
- Radial runout < 0.01 mm, emergency stop < 0.2 s
- Wide range of consumables available



Round Stainless-steel			
Model	ΦD (mm)	L(mm)	
SR2008B125.DS	2.0	125	
SR3010B125.DS	3.0	125	
SR4012B125.DS	4.0	125	
SR5012B125.DS	5.0	125	

Oblique-fluted Acorn Stainless-steel			
Model	ΦD (mm)	L(mm)	
SOA4008B125.DS	4.0	125	
SOA6008B125.DS	6.0	125	

Straight-fluted Acorn Stainless-steel			
Model	ΦD (mm)	L(mm)	
SSA5008B125.DS	5.0	125	
SSA7008B125.DS	7.0	125	

Match-head Stainless-steel			
Model	ΦD (mm)	L(mm)	
SM1702B125.DS	1.7	125	
SM2202B125.DS	2.2	125	
SM3002B125.DS	3.0	125	

Round Diamond			
Model	ΦD (mm)	L(mm)	
DR1017B125.DS	1.0	125	
DR2017B125.DS	2.0	125	
DR3014B125.DS	3.0	125	
DR4012B125.DS	4.0	125	
DR5012B125.DS	5.0	125	
DR6012B125.DS	6.0	125	
DR7012B125.DS	7.0	125	

Round Carbide			
Model	ΦD (mm)	L(mm)	
CR1006B125.DS	1.0	125	
CR2008B125.DS	2.0	125	
CR3010B125.DS	3.0	125	
CR4012B125.DS	4.0	125	
CR5012B125.DS	5.0	125	

Telescoping Mastering Deep Access

Designed for Trans-nasal Skull Base Surgery



Slim Bur Handpiece MSB2-WX

- Max. speed: 80,000 rpm
- 21° angled shape

Telescoping Tube			
Model	Tube diameter ΦD (mm)	L(mm)	Angle α(°)
MSBF45I2155	4.5	155	12
MSBF45I55	4.5	155	0
MSBF45H155(with guard)	4.5	155	0



Telescoping Tube MSBF

- Tube diameter: 4.5 mm
- Length: 80-175 mm
- Angle: 0-12°
- Shape: straight, curved, angled



Round Stainless-steel		
Model	ΦD (mm)	L(mm)
SR30I0G175.DS	3.0	175
SR40I2G175.DS	4.0	175



Round Diamond		
Model	ΦD (mm)	L(mm)
DR30I4G175.DS	3.0	175
DR40I2G175.DS	4.0	175



Match-head Diamond		
Model	ΦD (mm)	L(mm)
DM30I4G175.DS	3.0	175
DM40I2G175.DS	4.0	175

Universal Bendable Bur

Reach the Unreachable

Patented rigid, stepless stereoscopic steering technology for precise decompression.

Circumferential Adjustment
0-360°



Radial Adjustment
0-36°



Round Diamond		
Model	ΦD (mm)	L(mm)
DRC25A1S	2.5	131
DRC35A1S	3.5	131
DRC45B1S	4.5	133

Round Stainless-steel		
Model	ΦD (mm)	L(mm)
SRC25A1S	2.5	131
SRC35A1S	3.5	132
SRC45B1S	4.5	133

Cylinder Stainless-steel		
Model	ΦD (mm)	L(mm)
SCC25A1S	2.5	131
SCC35A1S	3.5	132

Bendable Bur Handpiece MSBC-W

- Max. speed: 20,000 rpm
- Tube diameter: 3.5 mm,4.2 mm



Micro Drill & Saw Blade

Optional Configuration



Micro Reciprocating Saw XWFJ, XWFJ1

- Max. frequency: 20,000 c/min
- Interval: 2.5 mm
- Installation direction: 0-360°

Micro Cannulated Drill XKXZ2

- Max. speed: 3,000 rpm
- Φ : 1.0-2.5 mm

Micro Oscillating Saw XCBJ, XCBJ1

- Max. frequency: 20,000 c/min
- Scope of swinging: 4°
- Installation direction: 0 - 360°

Micro Sagittal Saw XPBJ

- Max. frequency: 20,000 c/min
- Scope of swinging: 4°
- Installation direction: 0 - 180°

Twist Bur & Drill (XKXZ2)

Model	Φ D (mm)	L(mm)
GT6015.DS	1.5	60
GT10020.DS	2.0	100
GT14532.DS	3.2	145
GT15540.DS	4.0	155
GT19545.DS	4.5	195
GZ25020Z.DS	2.0	250
GZ25025Z.DS	2.5	250
GZ30008Z.DS	0.8	300
GZ30010Z.DS	1.0	300
GZ30012Z.DS	1.2	300
GZ30020Z.DS	2.0	300
GZ30025Z.DS	2.5	300



Reciprocating Saw Blade (XWFJ, XWFJ1)

Model	L(mm)	Tooth width W(mm)	Saw blade thickness T(mm)
WJP1506.DS	65	15	0.6
WJP2406.DS	75	24	0.6
WJP3106.DS	81	31	0.6
WJP6006.DS	85	60	0.6
WJPZ81070304.DS	81	7	0.3
WJPZ85230306.DS	85	23	0.3
WJPZ85270306.DS	85	27	0.3
WJPZ105270306.DS	105	27	0.3
WJPZ91330306.DS	91	33	0.3
WJPZ111330306.DS	111	33	0.3



Oscillating Saw Blade (XCBJ, XCBJ1)

Model	L(mm)	Tooth width W(mm)	Swing amplitude (mm)
CBJP72100308.DS	72	10	0.3
CBJP72160312.DS	72	16	0.3
CBJP105090307110.DS	105	9	0.3
CBJP107090312110.DS	107	9	0.3



Saw Blade (XPBJ)

Model	Effective length L(mm)	Tooth width W(mm)	Saw blade thickness T(mm)
BJP180403.DS	18	4	0.3
BJP311003.DS	31	10	0.3
BJP501004.DS	50	10	0.4
BJP701909.DS	70	19	0.9
BJP901309.DS	90	13	0.9
BJP901909.DS	90	19	0.9

