

# BENGAL Warranty Service Center And Distributor Information

## Brazil Distributor

J.T.COM IMP E EXP LTDA  
TEL/FAX:+55-11-5678-2694  
Website: [www.joytech.com.br](http://www.joytech.com.br)

**China General Distributor**  
(China Warranty Service Center)  
**LEADING COMPONENTS (S.Z.) CO., LTD.**  
(A plant) 5F, No.14 ZhengxingRoad,  
Liyuhe IndustrialDistrict,LouVillage,  
Gongming Town,Shenzhen,518106  
TEL: 0755-23194955/6 FAX:0755-23194953  
Contact: robert6402@kimo.com

**Malaysia Distributor**  
**Evanda Sdn Bhd (812810-X)**  
Lot 153 (No 1) , Jalan TIAJ 2/1 ,Taman Industri  
Alam Jaya ,42300 Bandar Puncak Alam ,  
Selangor , Malaysia  
TEL:+6 03 60388929 / 6038 8928  
Contact: evanda\_rmb@yahoo.com

**Singapore Distributor**  
(Singapore Warranty Service Center)  
**D-CYCLEWERKZ**  
2 YISHUN INDUSTRIAL STREET 1, #01-15 NORTHPOINT  
BIZHUB,SINGAPORE 768159  
TEL:+65 67523457  
Contact: dcyclewerkz@gmail.com

## Spain & Andorra Distributor

**RACING CYCLE**  
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal  
Tel:+351 244 027 587 / +351 244 043 616  
Contact: [info@racingcycle.net](mailto:info@racingcycle.net)

## Switzerland Distributor

(European Warranty Service Center)  
**3LMNT Distribution Inc., Corp.**  
Römerstrasse 15a, CH-2555 Brügg , Switzerland  
TEL: +41-78-666-42-17 FAX:+41-78-666-42-17  
Contact: [info@3lmnt.com](mailto:info@3lmnt.com)

## Taiwan Distributor

**HARVEST YEAR TECHNOLOGY COMPANY**  
No.70-3, Zhanglu rd., Xiushui Township,  
Changhua County 504, Taiwan  
TEL: +886-4-7691929 FAX: +886-4-7691858  
Contact: [hy.bike88@msa.hinet.net](mailto:hy.bike88@msa.hinet.net)

## USA & Canada Warranty Service Center

**KHS, Inc**  
2840 Harcourt St.Rancho Dominguez, Ca. 90221 USA  
TEL: 1-800-347-7854\*212  
Contact: [rogerj@khsbicycles.com](mailto:rogerj@khsbicycles.com)

## Portugal Distributor

**RACING CYCLE**  
Rua dos Lagoeiros armz 54 2415 -645 Leiria Portugal  
Tel:+351 244 027 587 / +351 244 043 616  
Contact: [info@racingcycle.net](mailto:info@racingcycle.net)

The latest distributor information will be updated , please refer to our website

**Bengal Performance Brake Systems**  
[sales@bengalperformance.com.tw](mailto:sales@bengalperformance.com.tw)  
[www.bengalperformance.com.tw](http://www.bengalperformance.com.tw)



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# Hydraulic Disc Brake



## Technical features

Open hydraulic disc brake system

Aluminum forged master cylinder and caliper

Master cylinder with reach adjustment

"EZ-adjust" hose connector, adjustable up to 180 degrees

Window for driver easily inspect if pads have worn, clean and mud out

2-Piece bracket for easy assembly

Perfect for XC, TRAIL, AM, FR,DH



## ARES 5

### Weight

Master cylinder : 90g

Caliper :120g

### Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C/ OD-203C

### Lever

1.5 finger blade

Tool free reach adjustment(Optional)



### Finish

Black

### Fluid

Mineral

### Pad

Semi-metallic compound

### EZ PLUG IN (Optional)

Setp.1

Setp.2

Setp.3

Setp.4



Through the frame



Remove the insert



Unscrew the bolt



Fasten the hose kit



EZ-adjust" hose connector  
Adjustable up to 180 degrees



## Technical features

Open hydraulic disc brake system

Aluminum forged master cylinder and caliper

Master cylinder with reach adjustment

Patented "EZ-out" brake pad replacement

Window for driver easily inspect if pads have worn, clean and mud out

Perfect for XC, TRAIL, AM

## ARES 3

### Weight

Master cylinder : 102g

Caliper :120g

### Rotor

OD-160C (6-bolt or center lock)

Optional OD-180C/ OD-203C

### Lever

2 finger blade

### Finish

Black

### Fluid

Mineral

### Pad

Semi-metallic compound

EZ PLUG IN (Optional)



Signal connection switch (Optional) Perfect for E-bike





# Hydraulic Disc Brake

## Technical features

Open hydraulic disc brake system  
Aluminum forged master cylinder and caliper  
Master cylinder with reach adjustment  
Patented "EZ-out" brake pad replacement  
Window for driver easily inspect if pads have worn, clean and mud out  
Perfect for XC, TRAIL, AM

## ARES 1

### Weight

Master cylinder : 68g  
Caliper : 120g

### Rotor

OD-160C (6-bolt or center lock)  
Optional OD-180C/ OD-203C

### Lever

2 finger blade

### Finish

Black

### Fluid

Mineral

### Pad

Semi-metallic compound



## Technical features

Open hydraulic disc brake system  
Aluminum forged master cylinder and caliper  
Master cylinder with reach adjustment  
Patented "EZ-out" brake pad replacement  
Window for driver easily inspect if pads have worn, clean and mud out  
Perfect for XC, TRAIL, AM

## ARES

### Weight

Master cylinder : 105g  
Caliper : 120g

### Rotor

OD-160C (6-bolt or center lock)  
Optional OD-180C/ OD-203C

### Lever

2.5 finger blade

### Finish

Black

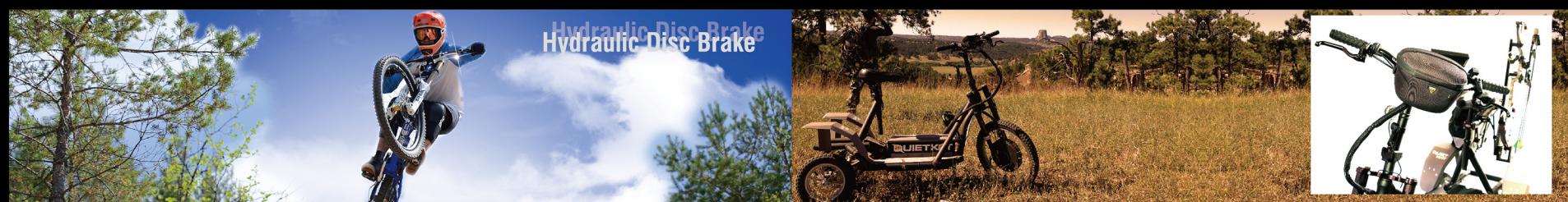
### Fluid

Mineral

### Pad

Semi-metallic compound





## Hydraulic Disc Brake

### Technical features

Open hydraulic disc brake system  
 Aluminum forged master cylinder and caliper  
 Master cylinder with reach adjustment  
 Patented "EZ-out" brake pad replacement  
 Window for driver easily inspect if pads have worn, clean and mud out  
 Perfect for XC, TRAIL, AM

### HELIX 7

#### Weight

Master cylinder : 88g  
 Caliper : 120g

#### Rotor

OD-160C (6-bolt or center lock)  
 Optional OD-180C / OD-203C

#### Lever

2 finger blade

#### Finish

Black

#### Fluid

Dot 4

#### Pad

Semi-metallic compound



### Technical features

Open hydraulic disc brake system  
 Aluminum forged master cylinder and caliper  
 Patented "EZ-out" brake pad replacement  
 Window for driver easily inspect if pads have worn, clean and mud out  
 One master cylinder with dual caliper  
 Lever can be assembled with stop devices(stop pin, or cut-off sensor, or both)  
 Perfect for TRICYCLE, PEDICAB, E-BIKE, SPECIAL TYPE

### HELIX 7.5

#### Weight

Master cylinder : 100g  
 Caliper : 120g

#### Rotor

OD-160C  
 Optional OD-180C / OD-203C

#### Lever

4 finger blade

#### Finish

Black

#### Fluid

Dot 4

#### Pad

Semi-metallic compound



# Mechanical Disc Brake

## MB 700

### Technical features

Compact, light weight, 1-piece aluminum forged caliper design  
Perfect for : MTB, URBAN

Weight : 166g  
Finish : Black  
Rotor : OD-160C (6-bolt or center lock)  
Optional OD-180C / OD-203C  
Pad : Semi-metallic compound



## MB 600

### Technical features

2-piece uniform casting process design  
Perfect for : MTB, URBAN

Weight : 210g  
Finish : Black  
Rotor : OD-160C (6-bolt or center lock)  
Optional OD-180C / OD-203C  
Pad : Semi-metallic compound



## MB 300



### Technical features

2-piece uniform casting process design  
Perfect for : MTB, URBAN

Weight : 160g  
Finish : Black  
Rotor : OD-160C (6-bolt or center lock)  
Optional OD-180C / OD-203C  
Pad : Semi-metallic compound



## MB 700T

### Technical features

Compact, light weight, 1-piece aluminum forged caliper design  
Perfect for : Road bike, Touring bike, Cyclocross bike  
and STI lever bike

Weight : 166g  
Finish : Black  
Rotor : OD-140L (6-bolt or center lock)  
Optional OD-160L / OD-180L / OD-203L  
Pad : Semi-metallic compound



## MB 600 T

### Technical features

2-piece uniform casting process design  
Perfect for : Road bike, Touring bike, Cyclocross bike  
and STI lever bike

Weight : 210g  
Finish : Black  
Rotor : OD-140L (6-bolt or center lock)  
Optional OD-160L / OD-180L / OD-203L  
Pad : Semi-metallic compound



## MB 845A

### Technical features

2-piece uniform casting process design  
Perfect for : MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight : 218g  
Finish : Black  
Rotor : OD-160C  
Optional OD-180C / OD-203C  
Pad : Semi-metallic compound



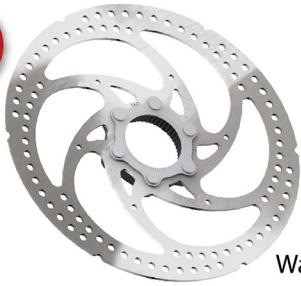
## MB 845B

Special design for  
the right side mount

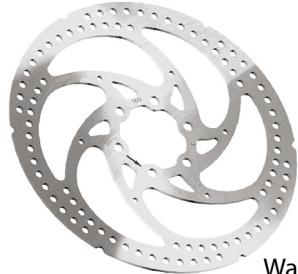


## ROTORS

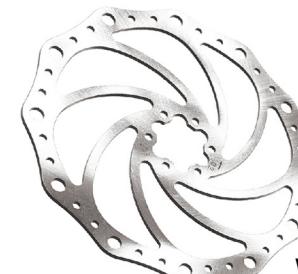
Rotor OD	Wave	6 (C)	8	12 (L)	6 (CC)	12 (LC)
Size	Weight	Weight	Weight	Weight	Weight	Weight
120mm	4"	90g	-	66g	120g	96g
140mm	5"	102g	-	86g	132g	116g
160mm	6"	136g	130g	104g	166g	134g
180mm	7"	173g	150g	134g	203g	164g
203mm	8"	225g	184g	172g	255g	202g



Wave 12 (LC)



Wave 6 (C)

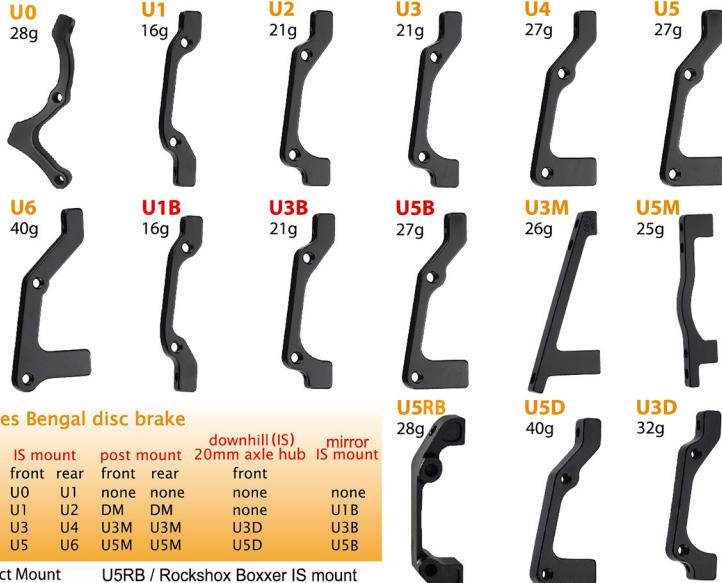


Wave 8



Wave 12 (L)

## ADAPTORS



## Automatic oil injection

### Technical features

- Easy and convenient operation and light design (electricity and air compression)
- Automatically drain the old brake oil and inject new brake oil to avoid the unskilled bleeding technique by people which may cause insufficient oil and lead to defective brake performance.
- Oil changing within 3 to 5 minutes for one wheel
- Compatible with 90% bicycle brake systems
- Suggest changing oil once a year.
- Application programs can be updated.

**Weight :** 17kg

**Pressure source :** 5~8Kg/cm<sup>2</sup>

**Size(cm) :** 34 \* 30 \* 86

**Voltage :** 100V-240V~AC50Hz-60Hz

**B030M ( Mineral )**

**Range :** BENGAL/MAGURA/SHIMANO  
TEKTRO



**PATENT NO :**  
M436117  
US 9,120,475  
ZL201220164186.0  
Nr.202012102412.8



## Automatic oil injection for hydraulic disc brakes

Changing oil easily Riding bicycles safely