

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

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: dcyclewerkz8@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

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

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

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

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

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

2018



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

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound



EZ-adjust" hose connector
 Adjustable up to 180 degrees



Tool free reach adjustment (Optional)



SHIMANO
 Shifter mount clamp



SRAM
 Shifter mount clamp



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

PATENT NO : M518750/ZL201520796991.9



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 3

Weight

Master cylinder : 102g
Caliper :120g

Rotor

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

Lever

2finger blade

Finish

Black

Fluid

Mineral

Pad

Semi-metallic compound



Signal connection switch (Optional) Perfect for E-bike



Waterproof type General type



Optional connector types



EZ PLUG IN (Optional)

Setp.1



Setp.2



Setp.3



Setp.4



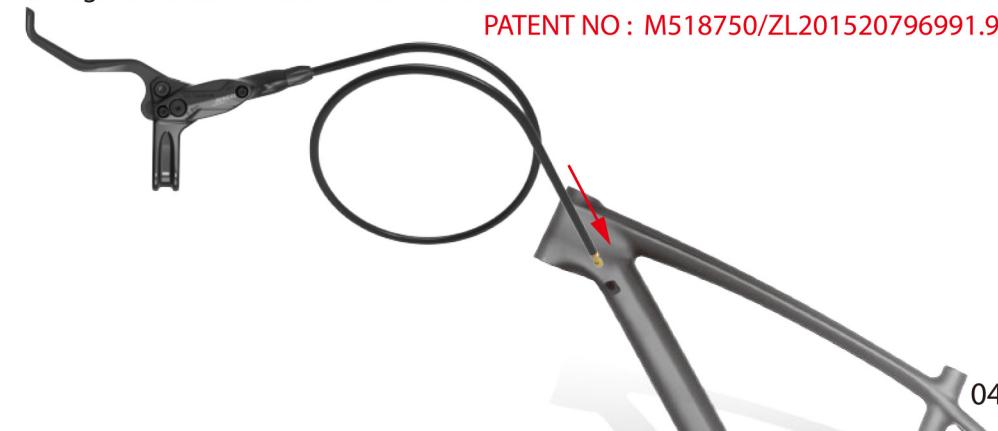
Through the frame

Remove the insert

Unscrew the bolt

Fasten the hose kit

PATENT NO : M518750/ZL201520796991.9





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

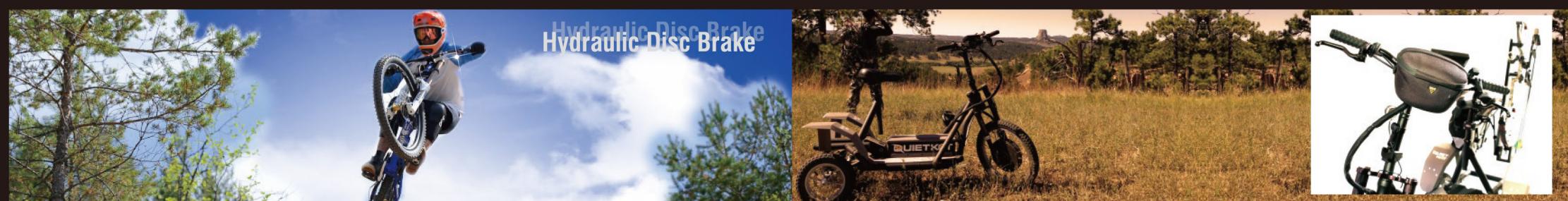
Fluid

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

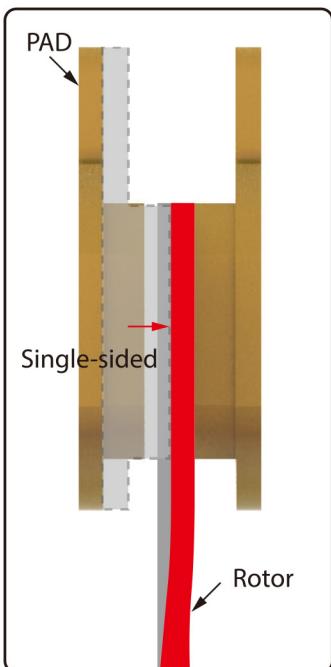
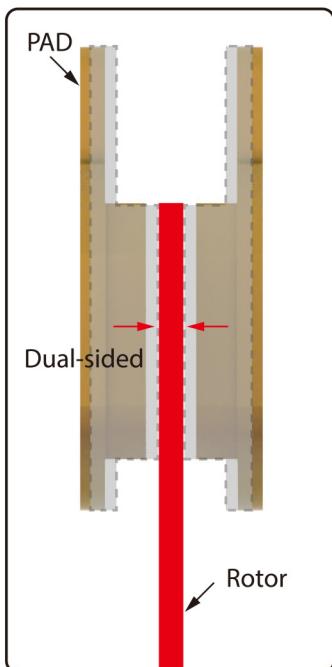


Mechanical Disc Brake Dual-sided

MB300, is a mechanical disc brake designed by veering away from traditional techniques and discovering a new dual-sided patented structured design. The MB300's one piece and competitive lightweight design offer easy setup and adjustment. The unique positioning of the pads between the sides of the rotor provides incredible performance.

Furthermore, MB300's breakthrough design finally solves the issue of rotor deformation caused by traditional unilateral action. The dual-sided design gives this brake multiple advantages over its competitors. Plus, MB300 is suitable for any levers on the market and one of the best performing on the world.

PATENT NO : M533615/15.201,543/ZL2016205986261/Nr.20 2016 104 048



Technical features

It gives the brake actuator synchronized with two sides
 Easy to assembly and manually adjust the gap of two sides
 Window for driver easily inspect if pads have worn, clean and mud out
 Compact, light weight, 1-piece aluminum caliper design

MB 300 NEW

Perfect for : MTB, URBAN

Finish : Black

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

Optional OD-180C / OD-203C

Pad : Semi-metallic compound

Frame	Caliper	front	160	180	203
IS	IS	F R	DM DM		
PM	PM	F R	DM DM		
IS	PM	F R		U3 U4	U5 U6

MB 300T NEW

Perfect for : Road bike, Gravel Bike, Cyclocross and STI lever bike

Finish : Black

Rotor : OD-140C

Optional OD-160C

Pad : Semi-metallic compound

Frame	Caliper	front	140	160
FM	FM	F R	F1 DM	F1 F2
PM	PM	F R		DM DM
IS	IS	F R		DM DM



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 500

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 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



Cyclocross

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

Technical features

Special design for the right side mount

2-piece uniform casting process design

Perfect for : MTB, URBAN, TRICYCLE, PEDICAB, E-BIKE

Weight : 218g

Finish : Black

Rotor : OD-160C

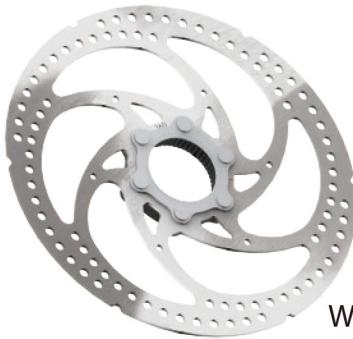
Optional OD-180C/ OD-203C

Pad : Semi-metallic compound

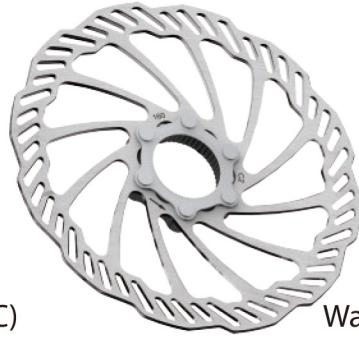


ROTORS

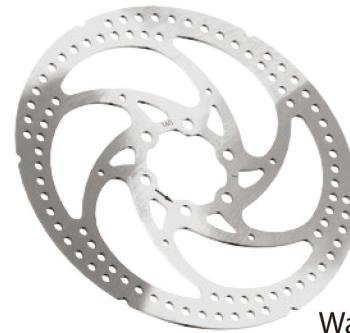
Rotor OD	Size	Weight	Weight	Weight	Weight
120mm	4"	90g	66g	120g	96g
140mm	5"	102g	86g	132g	116g
160mm	6"	136g	104g	166g	134g
180mm	7"	173g	134g	203g	164g
203mm	8"	225g	172g	255g	202g



Wave 6 (CC)



Wave 12 (LC)

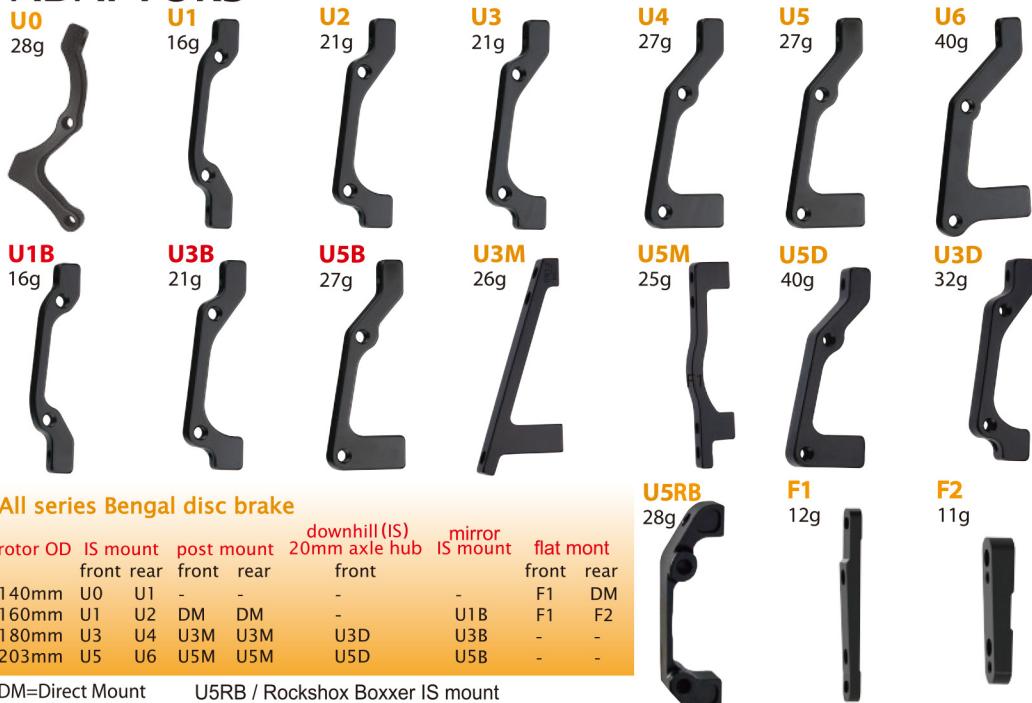


Wave 6 (C)



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/cm²

Size(cm) : 34 * 30 * 86

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

B030M (Mineral)

Range : BENGAL/MAGURA/SHIMANO TEKTRO

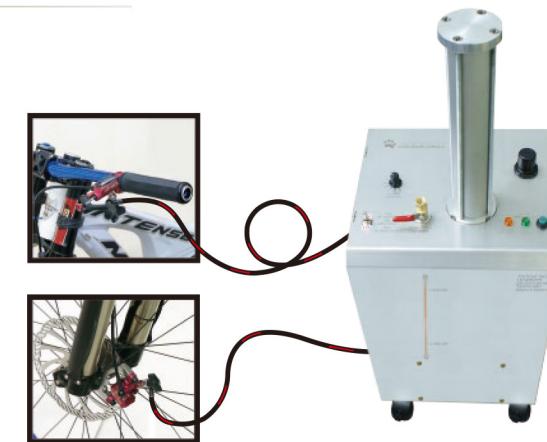
PATENT NO :

M436117

US 9,120,475

ZL201220164186.0

Nr.202012102412.8



Automatic oil injection for hydraulic disc brakes

Changing oil easily Riding bicycles safely