



BEST CHOICE FOR SAFETY

**DISC BRAKE CALIPER & BRACKET
MASTER BOOSTER CYLINDER
COMPONENT PARTS**



WOO SHIN INDUSTRIES CO.,LTD

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WE WILL CREATE PARTNERSHIP
 THAT YOU CAN RELY ON
 BY CONFIDENCE, PASSION AND SINCERITY.



BRIEF HISTORY

- Nov. 1992 Established as Sungeup Machinery at Sasang-gu, Busan, Korea
- Nov. 1997 Awarded 'Million Dollar Export tower's on Export Day.
- May. 1998 Designated as a qualified bidder from Defense Ministry.
- Aug. 1998 Converted to Sungeup Machinery Co. LTD
- Apr. 1999 Expanded and moved the factory to Kimhae-city, Kyungnam, Korea
- Apr. 2001 Obtained QS9000 Certificate
- Nov. 2002 Awarded 'Three Million Dollar Export tower' on Export Day.
- Nov. 2003 Designated as Superior Exporting Firm (Prospective medium-sized export company) by Kyungnam Export Assistance center.
- Jan. 2005 Designated as Excellent Technology Company by Korea technology guarantee fund
- Feb. 2005 Established the second factory
- May. 2005 Name OF CHANGED FROM SUNG EUP TO WOO SHIN
- Nov. 2006 Obtain ISO/TS16949 Certification
- Dec. 2007 Move to the new factory
- Jun. 2008 Obtaining ISO14001 Quality Certification(CRS GLOVAL)
- Apr. 2011 Obtained Korea-Eu FTA Approved Exporter for Certificate of Origin
- Jul. 2011 Prized as Potential Export Company



WE ONLY THINKING TO THE MAN SAFETY WHO DRIVES THE CAR



DETRIMENTAL CONDITION OF THE WEATHER AND NATURAL ABRASION CAN DAMAGE THE BRAKE SYSTEM OF CARS.

WE CAN SUPPLY THE PARTS NOT ONLY FOR THE REPLACEMENT BUT ALSO FOR OE MARKET.

THE PRESENT STATUS OF THE DEVELOPED PARTS—BASED ON THE LOCAL CLASSIFICATION.

USA CAR MODEL : 400
EUROPEAN CAR MODEL : 120
JAPAN CAR MODEL : 160
KOREAN CAR MODEL : 45
OTHER CAR MODEL : 30

TOTAL : 755 KINDS MODEL



WE CREATE TECHNOLOGY THAT LINKS PEOPLE WITH CARS.



DISC BRAKE CALIPER IS ONE OF ESSENTIAL PARTS WHICH IS CONNECTED DIRECTLY WITH SAFETY WHEN DRIVING A CAR.

BASED UPON OUR ACCUMULATED TECHNOLOGY AND LOTS OF EXPERIENCE, WOO SHIN INDUSTRIES CO.,LTD IS SPECIALIZED IN MANUFACTURING CALIPERS AND MANUFACTURES A VARIETY OF BRAKING DEVICES FOR AUTOMOBILE AND INDUSTRIAL USES IN ACCORDANCE WITH CUSTOMER'S NEEDS.

CALIPER HOUSING & BRACKET

THE DURABILITY ENDURING POWERFUL PRESSURE GENERATED BY BRAKE DEPENDS ON THE INTENSITY OF HOUSING & BRACKET, WHICH CONSIST OF THE BODY OF CALIPER.

HOUSING AND BRACKET SUPPLIED BY WOO SHIN INDUSTRIES ARE BASED ON THE GLOBAL STANDARD OF INTENSITY AND PRECISENESS.

SO WE ARE SURE THAT THEY CAN GIVE YOU THE HIGH QUALITY TO YOUR ASSEMBLIES.

FURTHERMORE, BEING PROUD OF LOTS OF EXPERIENCES AND HIGH-TECH, WOO SHIN IS READY TO DEVELOP ALL OF KINDS OF PRODUCTS THAT CUSTOMERS NEED BE.



MASTER BOOSTER CYLINDER

WITH A CALIPER, MASTER BOOSTER CYLINDER PLAYS AN IMPORTANT ROLE IN THE RELIABILITY OF BRAKE SYSTEM OF A CAR.

WE ARE PROUD OF OUR MASTER BOOSTER CYLINDER STABLE PERFORMANCE.

WE, WOO SHIN, CAN IMPROVE THE BRAKE PERFORMANCE AND ENHANCE THE SAFETY OF RELATING BRAKE PARTS.



COMPONENT PART

AS FAR AS CALIPER IS CONCERNED, WOO SHIN IS READY TO SUPPLY EVERY PART OF IT.

WE CAN DEVELOP AND MASS PRODUCE VARIOUS KINDS OF COMPONENT PARTS.

IN ORDER TO BE COMPATIBLE WITH THEM PRECISELY AND PRUDENTIAL ATTENTION WILL BE PAID TO IT.



WE KNOW, MORE SAFETY WORLD CAN BE CREATED ONLY BY THE INVESTMENT FOR THE FUTURE.

WOO SHIN IS SPECIALIZED IN OIL&AIR PRESSURED PARTS.

WE ALSO DEVELOP AND SUPPLY THE FORGED MODELS FOR INTENSIVE REINFORCEMENT

OF REVISED CALIPERS, PARTS FOR RACING AND SPORTS CAR AND ALUMINUM CALIPER FOR HIGH SPEED DRIVING.

SO WOO SHIN CAN SUPPLY ANY PARTS YOU REQUEST NO MATTER WHAT IT LOOKS LIKE. WE HAVE GOT ACCUMULATED TECHNOLOGY AND KNOW-HOW TO MEET YOUR REQUIREMENTS.

NAME OF EQUIPMENT	SPECIFICATION	Q'TY
HORIZONTAL MILLING M/C	MH-3P ETC	14
2SPINDLE VERTICAL MILLING M/C	WVHP-1500 ETC	10
UNIVERSAL MILLING M/C	BM-U6N ETC	12
PAD GAP MILLING M/C		8
CNC LATHE	S390L ETC	18
VERTICAL MACHINING CENTER	ACE-V430 ETC	16
HORIZONTAL MACHINING CENTER	MCH-4	2
BROACHING M/C		2
OTHERS		40

THE WORLDWIDE CALIPER BRAND – WOO SHIN



ASSEMBLY FACILITY

THE ESTABLISHMENT OF SECOND ASSEMBLY FACTORY DRAMATICALLY RAISES THE CAPABILITY FOR ASSEMBLY PRODUCTS.

DAILY : 2000PCS
 MONTHLY : 50,000PCS
 YEARLY : 600,000PCS

SYNTHESIZED MANAGEMENT SYSTEM OR WAREHOUSING, ASSEMBLING AND INSPECTING IMPROVES THE STABILITY OF QUALITY AND DELIVERY. ESPECILLY, DUE TO THIS PROCESS, WE CAN OFFER YOU HIGHER QUALITY PRODUCTS WITH THE MORE COMPETITIVE PRICE THAN EVER BEFORE.

ASSEMBLY

ASSEMBLED CALIPER IS CRYSTAL OF CALIPER MANUFACTURING INDUSTRY. TO BE A CALIEPR, IT NEEDS ABOUT 40 KINDS OF COMPONENT PARTS.

FOR THIS REASON, IT IS REQUIRED OF HIGH TECHNOLOGY AND ENTHUSIASTIC INSIGHT FOR ASSEMBLING MANY COMPONET PARTS TO ACT AS AN ORGANISM.

SO PERFECT UNITY AND SMOOTH OPERATION ARE THE KEY WORD FOR ASSEMBLED CALIPER.

WOO SHIN HAS CONFIDENCE THAT OUR ASSEMBLED CALIPERS HAVE REACHED STATE OF THE ART TECHONLOGY.

ADDITIONALLY, WE WOULD NOT LIKE TO MISS THE CHANCE TO SAY THAT OUR CALIPER HAS THE OTHER STRONG POINTS LIKE IT'S DURABILITY ENDURING SEVERE PRESSURE AND OPTIMIZED OPERATION FROM BRAKE SYSSYTEM.



**FAITHFUL AT THE BASIC
THINKING OF THE NEEDS YOU WANT
DOING THE UTMOST EFFORT AT EVERY MOMENT**



R & D

THE INNOVATION OF WOO SHIN FOR CUSTOMER'S SATISFACTION WILL KEEP ON GOING AHEAD SUCH AS MANUFACTURING TECHNOLOGY TO SUPPLY ALREADY ACHIEVED HIGH QUALITY PRODUCTS WITH COMPETITIVE PRICE AND DESIGNING TECHNOLOGY OF CALIPER, ETC. WE ARE LOOKING FOR WAYS TOWARD BETTER SOLUTION AND VALUE FOR THE FUTURE THROUGH R&D.



QUALITY CONTROL

THE PHILOSOPHY OF WOO SHIN ON SAFETY IS THAT ONLY ONE DEFECT IN A BRAKE COULD LEAD TO A SERIOUS ACCIDENT. SO WE ARE ALWAYS FOCUSING ON QUALITY CONTROL IN TERMS OF RESPECT TO HUMANBEING'S LIVES AND CONTRIBUTION OF A COMPANY TO A SOCIETY, GOING BEYOND CUSTOMER'S SATISFACTION. WOO SHIN'S CONFIDENCE OF QUALITY STARTS FROM QUALITY CONTROL.



PRODUCTION FACILITY

MANUFACTURING EQUIPMENT OF WOO SHIN HAS BEEN CONSTANTLY SUPPLEMENTED AND IMPROVED SINCE ITS FOUNDATION.

IN ORDER TO MEET MORE CONSUMERS' DEMANDS, IT HAS INTRODUCED NEW MACHINERY EQUIPMENT DETERMINEDLY AND ACHIEVED EVEN HIGHER QUALITY LEVEL THROUGH IT.

IN ADDITION, THE 2ND FACTORY, BEING OPERATED FROM FEB, 2005 WILL BE AN FOREFRONT BASE OF WOO SHIN TOWARDS WORLDWIDE CALIPER BRAND.

OUR MANUFACTURE LINE, COMBINED WITH HIGH-TECH MACHINING EQUIPMENT AND TEAMWORK, HAS THE PRODUCTION CAPABILITY OF 960,000PCS A YEAR FOR STEADILY DEALING WITH CUSTOMER'S REQUIREMENTS.



CNC Lathe-S300L



Vertical Machining Center

DEVELOPING PROCESS

CONTINUOUSLY APPEARING NEW MACHINES AND TECHNOLOGIES ARE THE REASON, WHICH MAKES US DEVELOP NEW PRODUCTS. DESCRIPTIONS BELOW ARE THE PROCESS STAGES THAT CAN SATISFY OUR CUSTOMERS.

FIRST, ANALYSIS – STARTING THE PRECISE MEASUREMENT ABOUT THE REQUESTED PRODUCTS.

SECOND, DESIGN – DESIGNING THE PRODUCTS AND REPEATEDLY REVISING THE DRAWINGS BY SIMULATING THEM TO BE FITTED IN THE REAL CIRCUMSTANCES.

THIRD, MOLD – THE PREPARATION STAGE TO MAKE PROTOTYPE MODELS.

FOURTH, PROTOTYPE MODEL – BY MAKING AND MEASURING JIG, WE PROGRESS THE TEST FOR THE DEVELOPED PRODUCTS DURABILITY AND PERFORMANCE.

THE DEVELOPING PROCESS IS ONE OF THE MOST IMPORTANT AXIS OF WOO SHIN'S BUSINESS FIELD. WE ARE PUTTING OUR BEST INTO ALL THE CASES.

TEST EQUIPMENT	Q' TY
VACUUM LEAK TESTER	4
WATER LEAK TESTER	3
AIR LEAK TESTER	6
HYD, LEAK TESTER	4
HYD, STRENGTH TESTER	4
DISC BRAKE CALIPER FUNCTIONAL TESTER	3
DURABILITY TESTER	2

INSPECTION EQUIPMENT	Q' TY
MICRO HITE-600MM	6
PROFILE PROJECTOR-PJ-300	2
ROCWELL HARDNESS TESTER-DTR-100	2
3D GAUGER	1
SURFACE ROUGHNESS TESTER-SURFTER-301	1

OTHERS	42
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