

BEIJING WORLDIA DIAMOND TOOLS CO., LTD.

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WORLDIA

SHAPING YOUR WORLD WITH DIAMOND

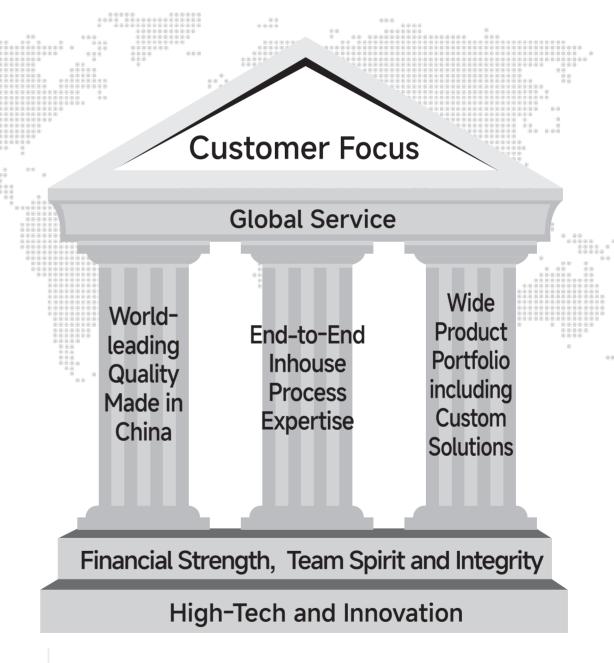




- Shapes your world with tools
- Empowering high-end manufacturing with diamond

WHAT WE STAND FOR

Worldia has become one of the leading, highly-recognized enterprises beyond China by focusing on technology, innovation, inhouse manufacturing process excellence and by meeting highest quality standards of global customers, continuously reviewing and expanding our product portfolio with the strength to make products engineered to the requirements of our customers.



HIGH-TECH AND INNOVATION

FOUNDATION OF OUR SUCCESS





TECHNOLOGY SUPERHARD **CUTTING TOOLS** MATERIALS MACHINES

Laser Precision Shaping of Superhard Materials · Infrared, green, UV lasers · Cutting · Shaping

- O2 CVD Diamond Growth and Application Technologies
 - · Industrial mono and polycrystalline CVD diamond
 - · Consumer CVD diamond (Jewelery)
 - · Scientific research
 - 03 Customized Advanced Coating Technology
 - · CVD Coating
 - · PVD Coating
 - · Diamond Coating
 - Ultra-thin Diamond and Composite Precision Grinding and Polishing Technology
 - · Ultrathin (0,05 mm) diamond blanks
 - ±1 µm accuracy
 - · Double-sided polishing
 - **Ultra-High & High Precision Superhard Tool** Manufacturing and Application Technologies
 - · PCD/MCD/CVDD Superhard Tools
 - · PCBN Superhard Tools
 - · Ultra-High precision Superhard Tools
- Automated Manufacturing Equipment Technology
 - · Laser cutting machines
- · Laser engraving machines
- · Laser grinding machines
- · Mirror Polishing machines
- · CVD reactors
- · Auxiliary Equipment

"Since establishing my first company in 2000, technology and innovation have always been our inspiration. As we keep learning from the challenging requirements of our customers around the globe, they strengthen their competitive position through the world-class quality and performance of our products."

JIFENG CHEN

Senior Engineer. Visionary Founder, Majority Shareholder and President of Worldia



FINANCIAL STRENGTH, TEAM SPIRIT AND INTEGRITY

ENABLER OF OUR GROWTH



FUNDS/ TEAM

1/25

One of first 25 companies listed in China Star Stock Market in 2019

\$51L2N

11 wholly-owned legal entities with overall USD 122 million registered capital, USD 512 million market capitalization

14PERSON

Globally 1400 employees





FINANCIAL STRENGTH, TEAM SPIRIT AND INTEGRITY

ENABLER OF OUR GROWTH

COMPANY HISTORY



Worldia predecessor Beijing Supower Technology Development Co., Ltd. is established on a personal loan of \$ 23,000



Beijing Supower resettles the assets and subsidiary corporation into Beijing Worldia Langfang production base

commences operations



Registered capital is \$10 million.



Listed in SSE STAR MARKET in July 2019, Stock Code: 688028



Establishment of Worldia Europe as 1st subsidiary abroad

2000

2006

2010

2012

2015

2018 2019

2021 2022

2024 2025

Beijing Worldia Super Hard Tools Co., Ltd. is registered



Worldia wins the 2nd price of the 1st China Innovation & Entrepreneurship Competition, and enters the green channel of the China Ministry of Science & Technology



Totally 3 plants in operation. Sales volume achieves \$ 40 million



Acquisition of tooling company



Huizhou Plant commences operations



Establishment of Worldia Singapore and Worldia Mexico



CONTINUOUS EXPANSION OF PORTFOLIO, MANUFACTURING AND SALES FOOTPRINT



COMPREHENSIVE PRODUCT PORTFOLIO

WITH STRENGTH IN CUSTOM SOLUTIONS

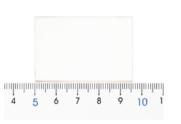


COMPREHENSIVE TOOLING SOLUTIONS









Diamond Heat Sink and Optical Window Materials

CVD Diamond Optical Window

Large-sized Monocrystalline Diamond









MCD Tool Materials

Diamond Tweeter Domes Ф200 mm

BDD Electrodes and Modules





PCD and CVD Diamond Blanks

Lab-Grown Diamond and Jewelry ANNDIA

END-TO-END INHOUSE EXPERTISE

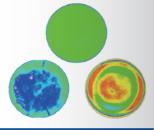
OWNING COMPLETE PRODUCT VALUE CHAIN



and blank production



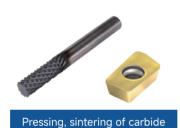




PCD material development and blank production

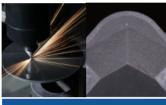
Precision-grinding, lapping, polishing of CVD, PCD, PCBN, MCD, CVDD

Inspection and qualification of PCD, pcbn blanks, MCD .CVDD



tools and inserts



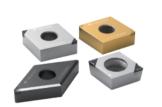




Vacuum brazing

Laser cutting, shaping and engraving

Precision-grinding of MCD, CVDD PCD, PCBN and carbide tools







Tool assembly, balancing and inspection



Tool reconditioning (re-tipping, re-grinding)



Development and production of manufacturing equipment

ALL CRITICAL CORE PROCESSES IN-HOUSE

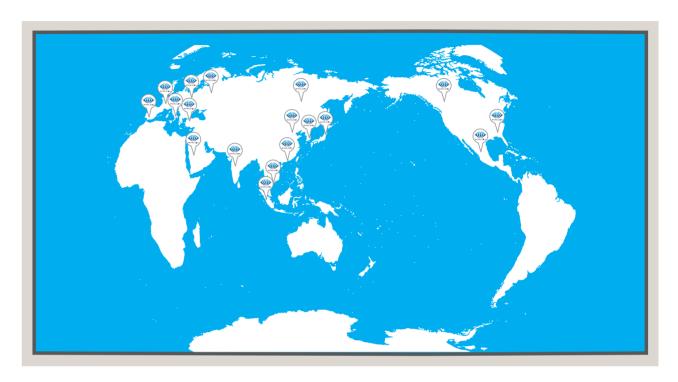


Research and development, design, manufacturing, application and reconditioning expertise by highly-qualified, diverse and motivated team of 1400 employees, thereof 150 R&D, 2 PhD, 100 Graduate Engineers, >30% female team members.



GLOBAL SERVICE CAPABILITIES

KEY TO SUPPORT OUR CUSTOMERS























- Application support in major industrial regions
- Cutting tool retipping, regrinding
- PCD and PCBN blank lapping, polishing and inspection
- Laser cutting, drilling, shaping