



Company Profile

LAMPSCITY CO., LTD trading as Solarson Carbide. Tungsten carbide manufacturer in Changsha Hunan Province China.



Company	LAMPSCITY CO., LTD
Brand	Solarson Carbide
Location	Changsha, Hunan Province, China
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Who We Are

Lampscity Co., Ltd is located in Changsha city which is the capital of Hunan Province where there is abundant mineral resource. Taking that advantage we have specialised in tungsten carbide products.

With our experience and hard work our tungsten carbide products are sold to the USA Germany the UK Italy Sweden Chile India Vietnam Turkey and South Africa.

We exist and grow to satisfy our customers by providing quality products and good service and we continually improve ourselves to better support our customers.



Sinter-HIP furnace installed in our plant



View of the plant in Changsha Hunan Province

Production Procedure

WC powder → Ball milling → Spray drying → Mixed powder → Pressing → Sinter-HIP → Machining → Finished product

Application Groups

Wear Application

- Carbide seal ring as mechanical seal used for petroleum and chemical industries
- Carbide nozzle for spraying and shot blasting with thread inside and outside
- Carbide drawing dies for wire and rod making
- Carbide pins for tyre skid and bearings in the auto industry
- Carbide hammer for automobile safety hammers and crushing hammers with very good wear resistance and anti cracking resistance

Heading Application Sinter-HIP

- Hot forging dies for engine valve making
- Extrusion dies for fasteners and bolts
- Ball heading and taper roller heading for the bearing industry

Cutting Application

- Carbide knives for newspaper cutting
- Scrapping materials
- Milling cutters and milling tools
- Cutting tools
- Carbide brazed tips in metal cutting
- Carbide blades for cigarette paper plastic glass and wood industries
- PCB cutter
- Carbide saw tips strips rods and blanks
- Carbide inserts and interchangeable cutting inserts

Petroleum Industry Application

- Carbide ball and seat as valve pairs
- Carbide oil shaft sleeve
- Carbide drilling bush
- Carbide flow beans
- Carbide tube
- Carbide valve core

Mining Application

- Carbide buttons for rock roller bits
- Carbide buttons for water well drilling and DTH button bits
- Carbide tips for coal picks
- Cutter picks and cross bits for tunnel making
- Cap carbide tips for grading
- Carbide crushing tools
- Carbide milling bits

Metal Forming Application Sinter-HIP

- Carbide plugs and dies for tube making
- Carbide dies for hot and cold extrusion and metal forming
- Carbide extrusion dies for container making
- Carbide blanks for lamination dies
- Carbide toolings for the dry cell battery industry
- Carbide bar drawing dies for ferrous and non ferrous bars

Product Categories

Category	What It Covers
Carbide Rods	Solid ground and coolant hole rod blanks
Carbide Strips	Standard 330 mm and long strips to 1800 mm
Carbide Blades	Knives cutters and circular saw discs
Carbide Dies	Forging dies cold dies and die blanks
Carbide Inserts	Turning milling and interchangeable inserts
Carbide Pins	Tyre studs horseshoe pins and wear pins
Carbide Buttons	Rock bit and DTH button inserts
Carbide for Oil Industry	Sleeves cores seats and flow parts
Carbide Rings	Seal rings roll rings and segment sets
Carbide Tubes	Bushings sleeves and tube blanks
Carbide Gear	Toothed carbide wear components
API V11 Valve Pairs	Ball and seat pairs and blanks
Carbide Saw Tips	F1 series US standard and specials

Contact

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