



WEWIN UNIQUE INDUSTRIAL MACHINES LLP



Green Sand High Pressure Molding Machine / Line



Hot Box and Cold Box Core Shooting Machines



Shot Blasting Machines



Industrial Dust Collectors



Automated Fettling and Finishing Machines



Surface Coating Equipments

COMPANY PROFILE

WEWIN Unique Industrial Machines LLP, a member of the WEWIN Group, specializes in the design, manufacture, and supply of advanced green sand molding and core-making equipment, shot blasting machines, and industrial dust collection systems. The company operates in manufacturing collaboration with Qingdao Huacan Heavy Industry Co., Ltd., China, enabling the delivery of high-quality, globally competitive solutions to the Indian market.

We undertake complete turnkey projects for a wide range of industries, including foundries, automotive, valve manufacturing, and general engineering sectors. Our focus is on delivering reliable, efficient, and technologically advanced equipment that enhances productivity and operational performance.



About WEWIN Group

Headquartered in Chennai, India, WEWIN Group has been delivering turnkey surface preparation and finishing solutions since 2003. With a strong foundation built on engineering expertise, innovation, and an extensive vendor network, the group designs, manufactures, and commissions advanced finishing and surface treatment systems for diverse industrial applications.

Over the years, WEWIN has established itself as a trusted partner for industries seeking customized, high-performance solutions that meet international quality standards while ensuring cost-effective operations.



About Unique

Based in Coimbatore, Unique is a fast-growing structural fabrication company with over 25 years of experience, serving foundries, engineering industries, textile manufacturing, warehouses, and commercial establishments. Renowned for high-quality fabrication solutions and reliable customer service, the company specializes in structural steel fabrication, industrial components manufacturing, and heavy structure installation.

Committed to quality, precision, and timely project execution, Unique delivers durable, efficient, and innovative fabrication services backed by dependable workmanship.



About Qingdao Huacan Heavy Industry Co., Ltd.

Qingdao Huacan Heavy Industry Co., Ltd. is located in Qingdao, Shandong Province, China. The company is a leading manufacturer specializing in the development, production, and sales of Shot blasting machines, Sand processing equipment, Molding and core-making equipment, Smelting equipment, Environmental dust removal systems and Green sand & resin sand regeneration systems.

Leveraging advanced manufacturing capabilities and strong technological expertise, Qingdao Huacan has grown into a premier casting machinery and industrial equipment provider. In addition to its strong domestic presence, the company exports extensively to Eastern Europe, Southeast Asia, the Middle East, and South America, earning widespread recognition for product quality and customer satisfaction.

The company is supported by a highly experienced team of engineers and industry experts, as well as a state-of-the-art research and development center equipped with internationally advanced technologies. Recognized as a National High-Tech Enterprise and a National Technology-Based Enterprise in China, Qingdao Huacan is committed to continuous innovation and product excellence.

All major machinery and equipment manufactured by the company comply with international standards and have obtained CE Certification, demonstrating their quality, safety, and reliability.



Strategic Partnership

The collaboration between **WEWIN Unique Industrial Machines LLP** and **Qingdao Huacan Heavy Industry Co., Ltd.** combines local market expertise with global manufacturing excellence. Together, the companies provide comprehensive, cost-effective, and technologically advanced solutions tailored to the evolving needs of modern industries.

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VERTICAL PARTING FLASKLESS AUTOMATIC MOLDING MACHINE/LINE



		MODEL								
		HC416A	HC416B	HC416C	HC417B	HC417C	HC418A	HC418B	HC419A	HC419B
Width	mm	600	650	650	750	750	800	800	600	900
Height	mm	480	535	650	535	600	600	650	650	700
Thickness	mm	130-520	130-520	130-520	130-520	130-520	150-520	150-520	150-500	150-500
Molding Speed (no sand core)	mold/hour	500	500	480	480	480	450	450	350	350
Molding Speed (have sand core)	mold/hour	420	420	400	400	400	370	370	250	250
Max.Belt conveyor length	meter	70	70	60	60	60	50	50	40	40
Max.sand production line capacity	ton/hour	35-40	35-40	35-40	35-40	40-45	45-60	45-60	45-50	45-50
Power consumption	kw/hour	75	75	75	75	75	75	75	100	100
Air consumption	m ³ /min	10	10	10	10	10	10	10	10	10

		MODEL								
		HC419C	HC4110A	HC4110B	HC4110C	HC4111A	HC4111B	HC4112	HC4113	HC4114
Width	mm	900	1000	1000	1050	1100	1100	1200	1300	1400
Height	mm	900	900	950	1000	1050	1100	1100	1200	1300
Thickness	mm	150-500	150-500	150-500	150-500	150-500	150-500	150-500	150-500	150-500
Molding Speed (no sand core)	mold/hour	250	250	250	250	250	250	200	180	150
Molding Speed (have sand core)	mold/hour	150	150	150	150	150	150	150	150	100
Max.Belt conveyor length	meter	40	35	35	35	30	30	30	25	25
Max.sand production line capacity	ton/hour	50-60	60-80	60-80	60-80	80-90	80-90	80-120	90-120	90-120
Power consumption	kw/hour	100	120	120	120	120	120	120	120	150
Air consumption	m ³ /min	10	15	15	15	15	15	15	15	15



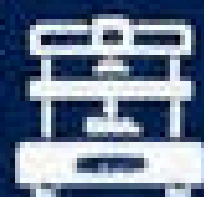
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HORIZONTAL PARTING FLASKLESS AUTOMATIC MOLDING MACHINE/LINE

Model	HC5040	HC5545	HC6050	HC6550	HC7060	HC7565	HC8070
Sand mold size(mm)	500*400	550*450	600*500	650*550	700*600	750*650	800*700
Sand mold height(mm)	top: 110/170 bottom: 100/170	top: 110/180 bottom: 100/180	top: 110/200 bottom: 100/200	top: 110/200 bottom: 100/200	top: 110/230 bottom: 120/230	top: 110/230 bottom: 120/230	top: 130/230 bottom: 130/230
Molding type	Pneumatic shooting sand + hydraulic compaction						
Productivity (s/mold)	30-40	30-40	30-40	30-40	35-45	35-45	40-50
Air consumption	1m ³	1.2m ³	1.4m ³	1.6m ³	2m ³	2.3m ³	2.7m ³
Pneumatic pressure	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa	0.7Mpa
Power(kw)	16	16	16	19	19	19	34
Hydraulic pressure	13Mpa	13Mpa	13Mpa	13Mpa	13Mpa	13Mpa	13Mpa
Overall size(mm)	3750*1960 *2980	3850*2060 *3000	3950*2200 *3100	4050*2300 *3200	4200*2400 *3300	4300*2500 *3400	4400*2600 *3500



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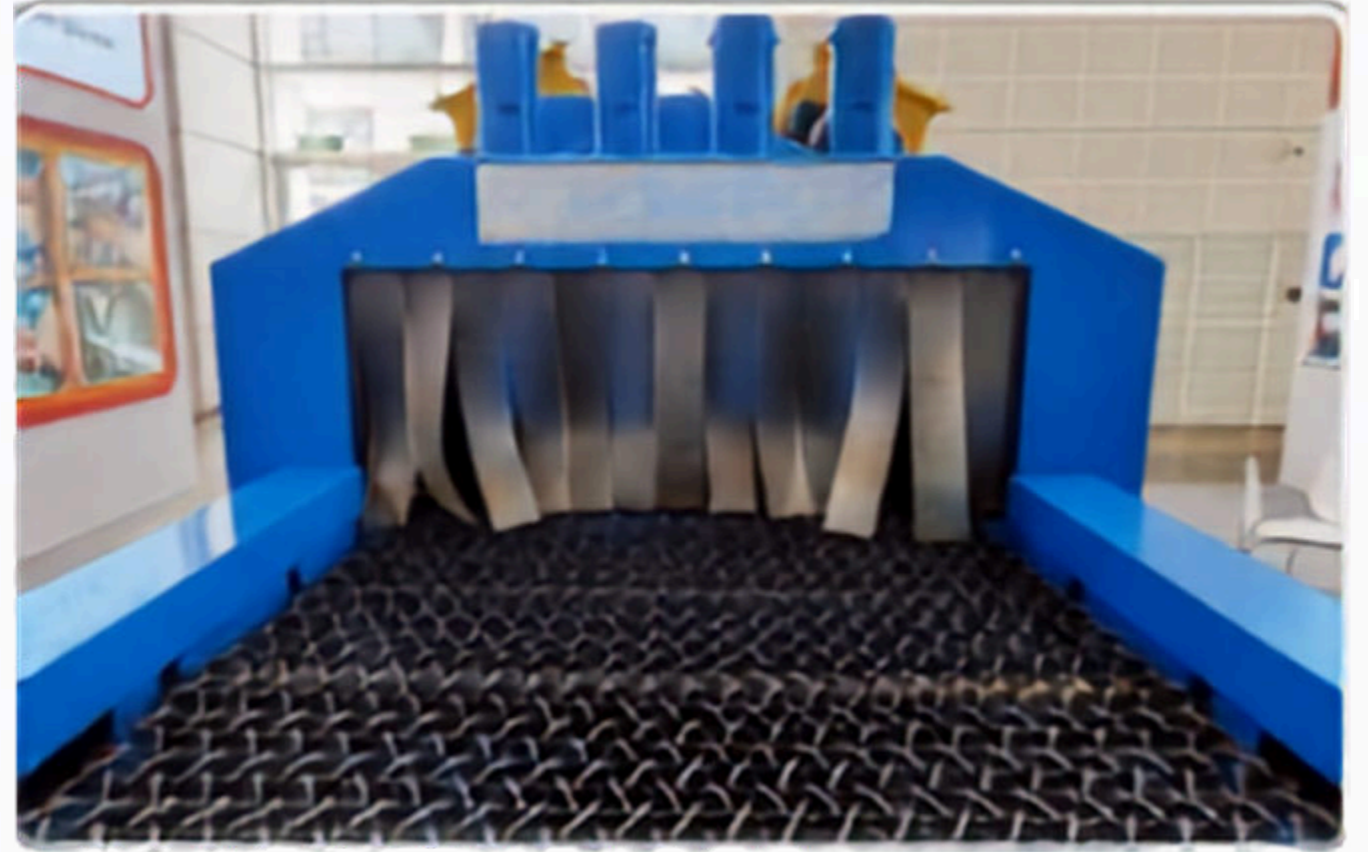
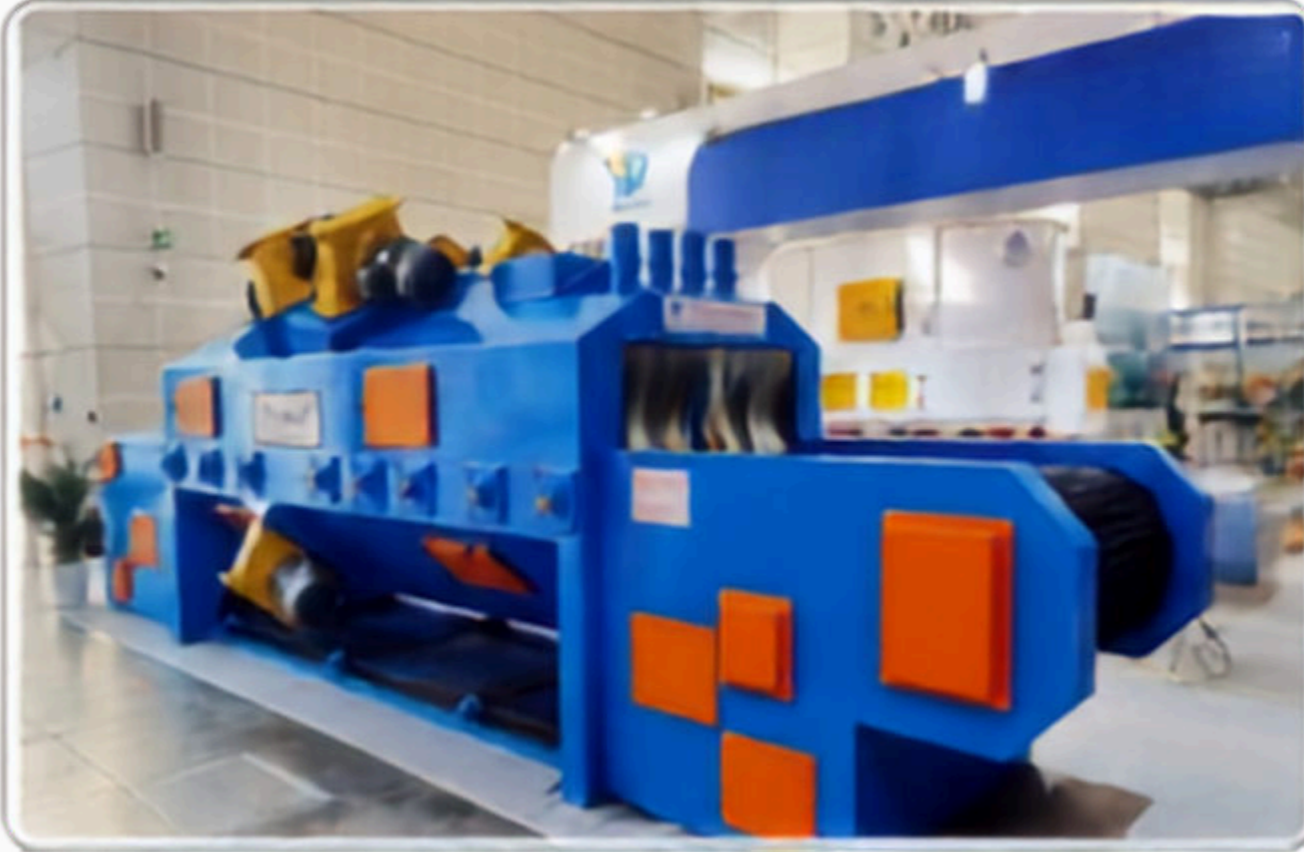



HUACAN



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SHOT BLASTING MACHINES



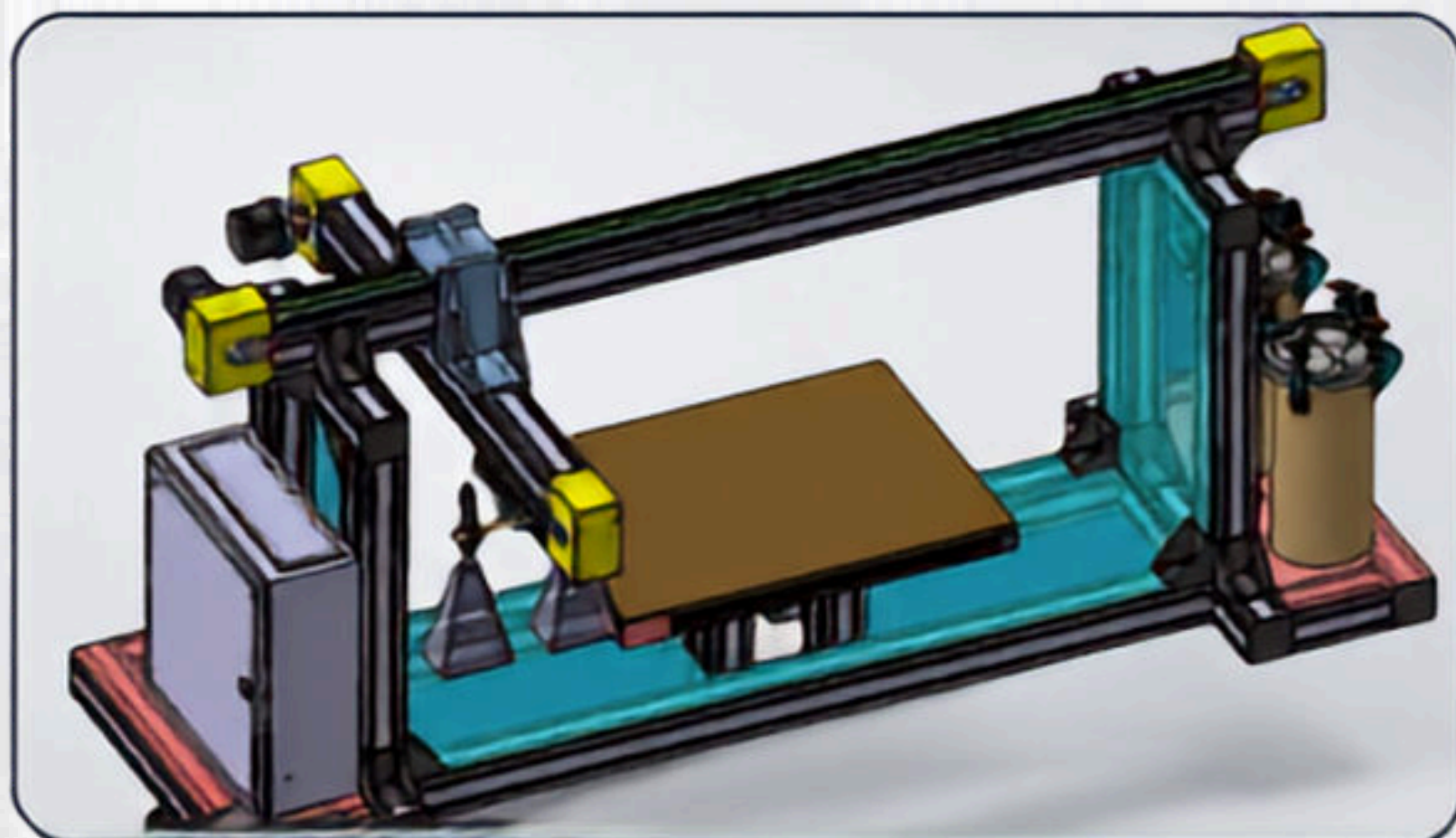
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HOT BOX CORE SHOOTER / SHELL CORE SHOOTER MACHINES



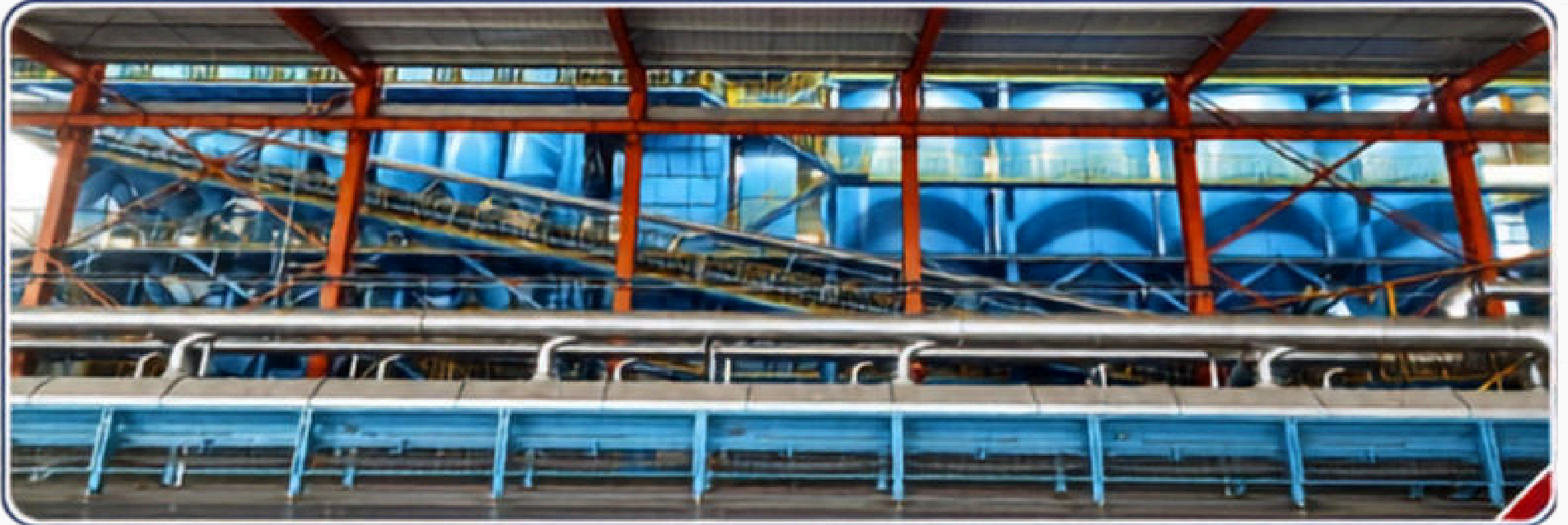
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DUST COLLECTORS & SURFACE COATING EQUIPMENTS



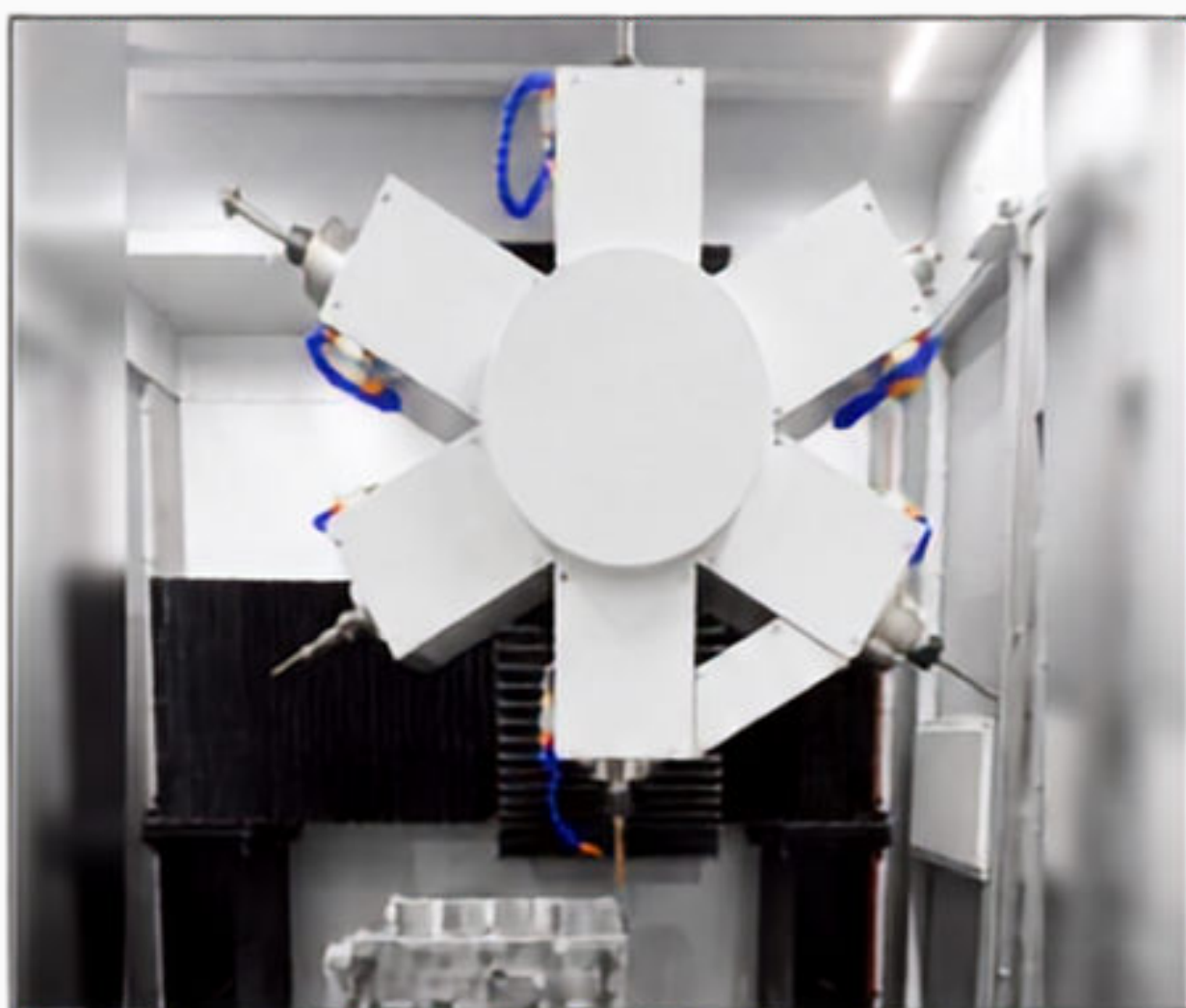
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GREEN SAND COOLING, RECLAMATION, PRODUCTION LINE



07

AUTOMATED FETTLING AND FINISHING MACHINES



Manufacturing Collaboration with



HUACAN

QINGDAO HUACAN HEAVY INDUSTRY CO., LTD



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