



TORUNSAN CATALOG

**Torunsan —
strong solutions for
strong structures.**

 info@torunsan.com

 www.torunsan.com

 +90 850 582 56 96

 Osman Yılmaz Mah., st. 611,
7/D, 41400 Gebze,
Kocaeli, Türkiye



Our Story

Our Mission & Our Vision

Machines

1. Cement Spraying Machines

TRN-CSM-200	3
TRN-CSM-400	5
TRN-CSMA-444	7
TRN-CSM-700	9
TRN-CSM-1500	11
TRN-CSD-800	13

2. Cement Injection Machines

TRN-CIM-40	15
TRN-CIM-50	17
TRN-CIM-60	19
TRN-CIM-80	21
TRN-CIM-100	23
TRN-CIM-200	25

3. Refractory Spraying Machines

TRN-RCSM-200	27
TRN-RCSM-400	29

4. Cement Mixing Machines

TRN-CMM-250	31
TRN-CMM-500	33

5. Brick Cutting Machines

TRN-BCM-150	35
TRN-BCM-300	36

Stetunocon



TORUNSAN



History of Torunsan

The origins of one of Turkey's leading national brands, Torunsan, date back to 1970. Starting its journey in a small workshop under the management of the former Şahinbey district municipality in the city of Gaziantep, Torunsan has, over the decades, evolved into a strong and sustainable brand that embodies both tradition and the future. Proud of its roots, Torunsan has adapted to the sociological and economic changes of society and strengthened its position in the market. Torunsan represents the values of trust, openness, and closeness to its customers, building relationships based on transparency and mutual respect.

A corporate culture focused on the constant pursuit of the best and most innovative solutions ensures the company's unwavering commitment to high product quality. Thanks to its dedication to innovation, Torunsan continues to set an example for the industry in all areas of its operations — from production to technology, from research and development to the implementation of cutting-edge solutions.

Since its founding, Torunsan's product line has significantly expanded: from rubber spare parts in its early years, to shotcrete machine components in the 1980s, plastic products in the 1990s, and a wide range of rubber, plastic, polyurethane, silicone, and metal components, as well as the production of concrete and cement injection machines in the 2000s. Torunsan has also become a platform for the development and establishment of numerous sub-brands in the market.

With over half a century of history, Torunsan has developed a unique corporate culture and business principles in industry, management, marketing, commerce, and public relations, enabling the company to take a special place and become something greater than just a manufacturer.

Our Mission

In line with our country's goal of becoming a global power, we create value for our partners and employees through local production solutions.
To manufacture reliable products focused on quality and meeting customer expectations;
To use resources efficiently to meet the expectations of all our partners;
To enhance competitiveness through continuous improvement initiatives;
To fulfill our commitments to society and the environment.

Vision

To become a leader in its field, producing high-quality and standards-compliant products both in our country and around the world.
To be a company that stands out not only for its products but also for innovative solutions shaping the future of our country, remaining a reliable and unique leader in breakthrough manufacturing technologies.



Cement Spraying Machines

 www.torunsan.com

 +90 850 582 56 96

 info@torunsan.com

TRN-CSM-200

Cement Spraying Machine (Dry Type)



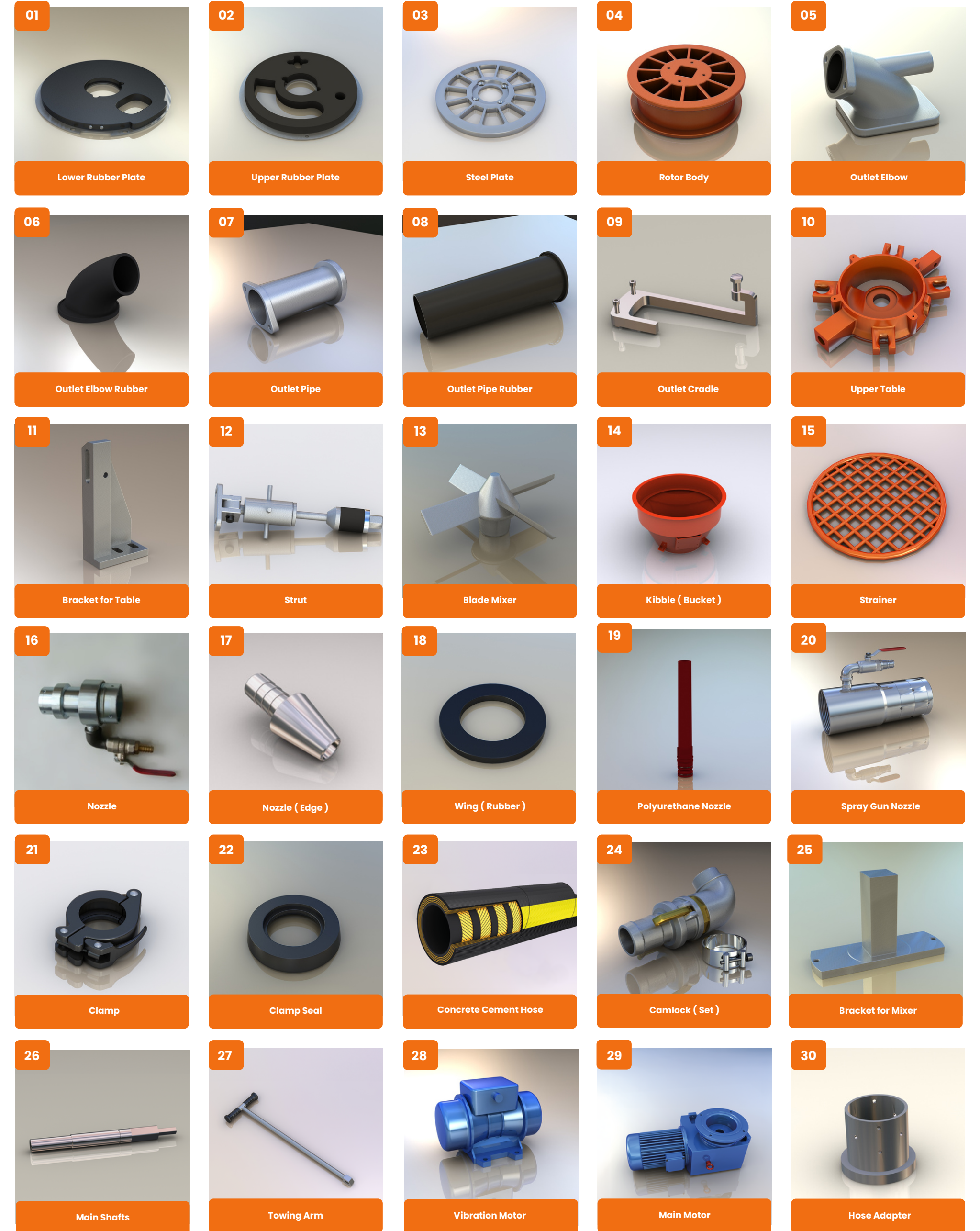
The TRN-CSM-200 is designed for light cement spraying applications with a 2m³ capacity. Its rotor design allows it to spray aggregates up to 12 mm in size, gravel, crushed gravel, and coarse sand, making it suitable for all types of shotcrete.

A special lubrication system extends the life of the steel and rubber discs, minimizing losses due to sprayed material, compressed air, and service interruptions. A double-sealed, waterproof, and dust-proof electrical panel ensures operator safety on the construction site, preventing malfunctions and hazards caused by contamination.

By virtue of its high serviceability, spare parts replacement is extremely easy, requiring no qualified service personnel, and no calibration or adjustments are required after replacement.

Technical Specifications

Dimensions - WxLxH	900 x 1500 x 1400 mm
Rotor Bulk	8 liters
Theoretical Spraying Capacity	2 m ³ /hour
Outlet Hose Diameter	40X60 mm - 50X70 mm
Air Consumption	6-7 m ³ / min.
Maximum Grain Size	0-12 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	100 meters
Main Engine Power	3 kW
Vibration Motor Power	0.18 kW
Total Consumption	3.2 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	1 ½ inches
Rotor Turnover	14 rpm.
Nozzle Diameter	40 / 50 mm
Operating Temperature	5-55 C°
Gross weight	550 kg



TRN-CSM-400

Cement Spraying Machine (Dry Type)



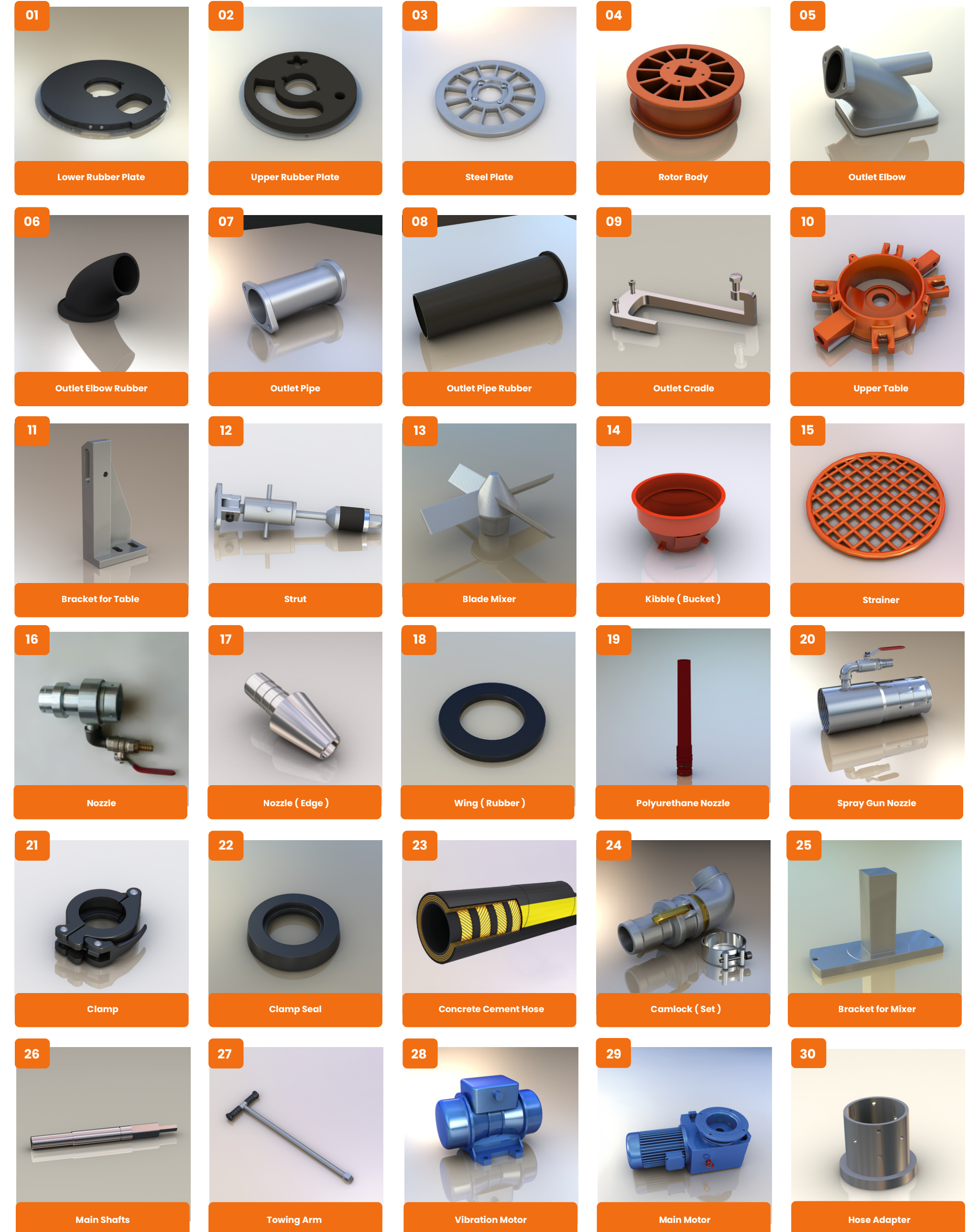
The TRN-CSM-400 is designed for light cement spraying applications, with a 4m³ capacity. Its rotor structure is suitable for shotcrete concrete, allowing it to spray aggregates up to 12 mm in size, gravel, crushed gravel, and coarse sand.

This innovative design minimizes air consumption and electricity consumption. On the other hand delivers superior performance, and increases energy efficiency. A special lubrication system extends the life of the steel and rubber discs, minimizing losses from sprayed material, compressed air, and service stops. A double-sealed, waterproof, and dust-proof electrical panel ensures operator safety on the construction site, preventing malfunctions and hazards caused by contamination.

By virtue of its high serviceability, replacement of consumable spare parts is extremely easy, requiring no qualified service personnel, and no calibration or adjustment is required after replacement. Its compact design allows for operation in confined spaces with low ceilings.

Technical Specifications

Dimensions - WxLxH	900 X 1500 X 1400 mm
Rotor Bulk	15 liters
Theoretical Spraying Capacity	4 m ³ /hour
Outlet Hose Diameter	40X60 mm - 50X70 mm
Air Consumption	6-7 m ³ / min.
Maximum Grain Size	0-12 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	100 meters
Main Engine Power	3 kW
Vibration Motor Power	0.18 kW
Total Consumption	3.2 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	1 ½ inches
Rotor Speed	14 rpm.
Nozzle Diameter	40 / 50 mm
Operating Temperature	5-55 C°
Gross weight	650 kg



TRN-CSMA-444

Cement Spraying Machine (Air System)



The TRN-CSMA-444 is specifically designed for use in light cement spraying operations with a fully automated system.

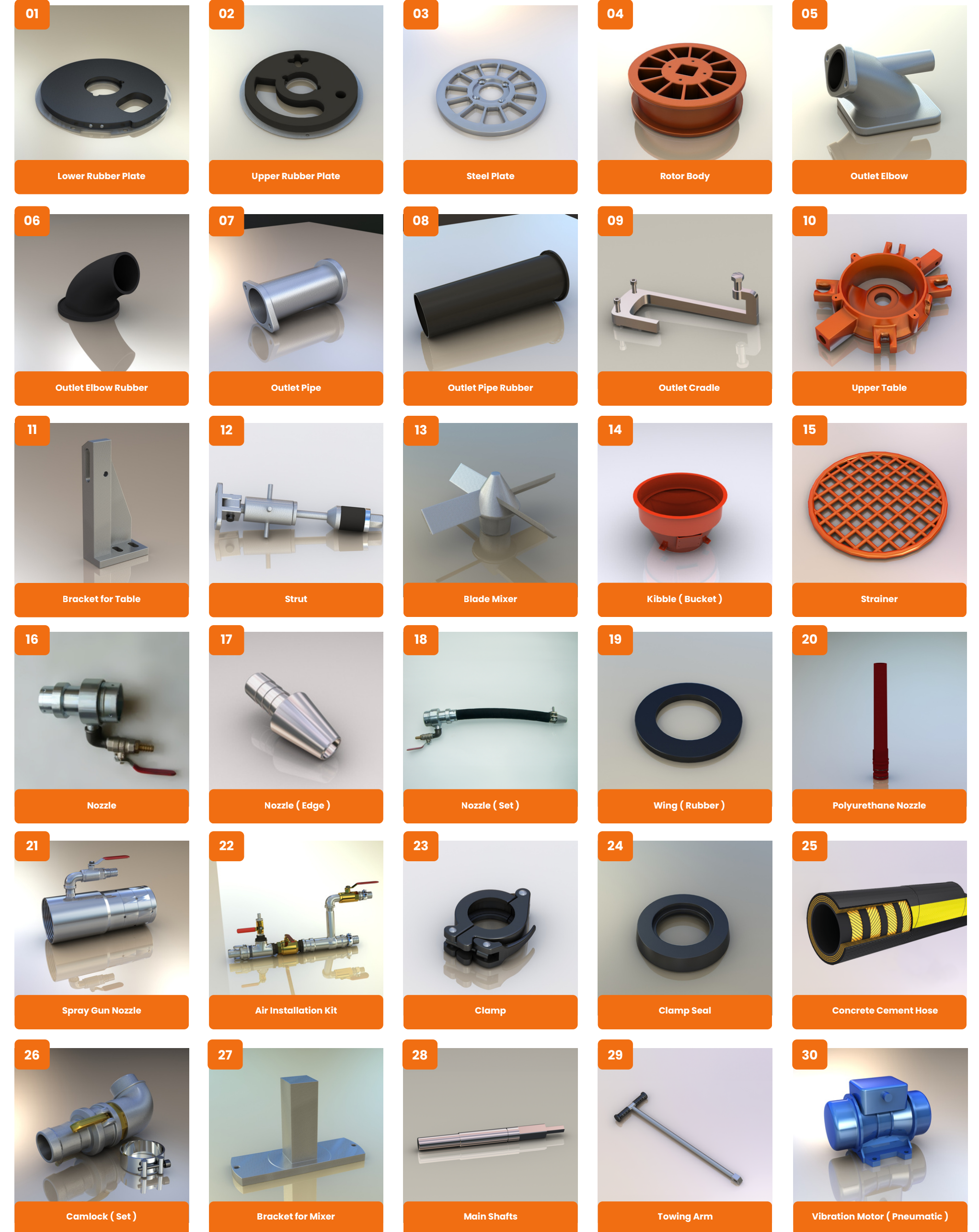
Its common rotor design, suitable for a variety of sprayed concrete, allows it to spray aggregates up to 0-12 mm in size, gravel, crushed gravel, and coarse sand. Powered by a pneumatic system, this machine sprays the concrete mixture through a hose under low pressure.

The Cement Spraying Machine (Air System) is a crucial piece of equipment used in many applications, including structural reinforcement, tunnel construction, ventilation tunnels, and mining. Its low maintenance and repair costs make it a popular choice.

By virtue of its high serviceability, the replacement of spare parts used is extremely practical and does not require qualified service personnel, and there is no need for any calibration or adjustment after the replacement process.

Technical Specifications

Dimensions - WxLxH	800 X 1700 X 1400 mm
Rotor Bulk	8-15 liters
Theoretical Spraying Capacity	2-4 m³/hour
Outlet Hose Diameter	40x60 - 50x70 mm
Air Consumption	10-15 m³/min.
Maximum Grain Size	0-12 mm
Vertical Pumping Distance	90 meters
Horizontal Pumping Distance	180 meters
Nozzle Diameter	40 / 50 mm
Air Intake	1 ½ inches
Operating Temperature	0-55 C°
Gross weight	650 kg



TRN-CSM-700

Cement Spraying Machine (Dry Type)



The TRN-CSM-700 cement spraying machine guarantees a reliable and efficient solution for industrial applications.

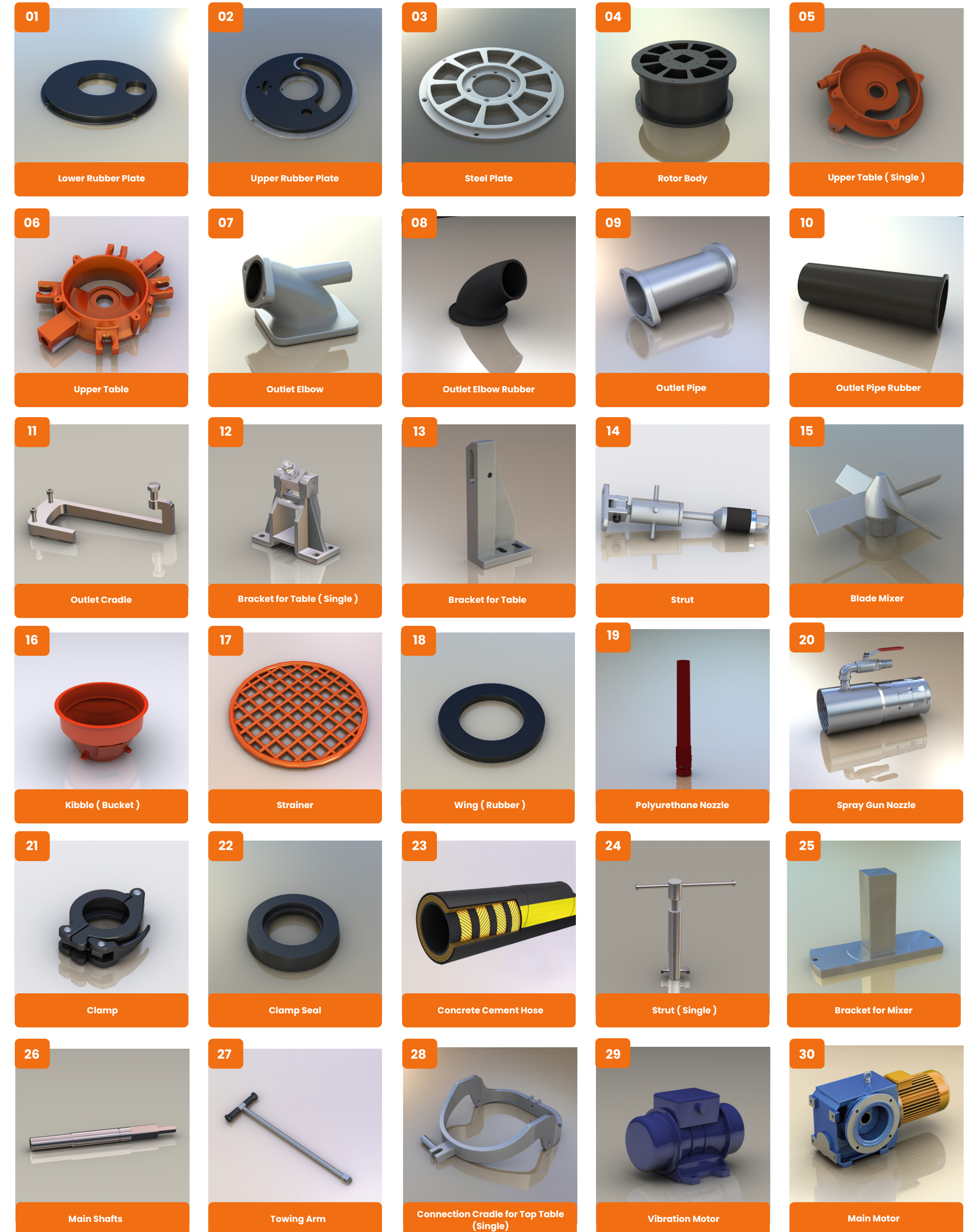
The TRN-CSM-700 dry-type cement spraying machine can apply construction materials such as gravel, crushed gravel, and coarse sand with a maximum aggregate size of 20 mm using the shotcrete method.

The TRN-CSM-700 offers efficient operation in large areas by means of its spraying capacity of 7 m³/hour,. With a vertical pumping distance of 75 meters and a horizontal pumping distance of 150 meters, it enables the transport of shotcrete and cement materials to high altitudes. It is also equipped with a manual lubrication system that prevents wear on the surfaces of rubber and steel plates.

No calibration is required after replacement, increasing the machine's uninterrupted availability. Electrical safety includes low and high voltage protection, overcurrent protection, leakage current protection, and thermal protection.

Technical Specifications

Dimensions - WxLxH	1000 X 1800 X 1500 mm
Rotor Bulk	25 liters
Theoretical Spraying Capacity	7 m³/hour
Outlet Hose Diameter	65*85mm
Air Consumption	11-14 m³ / min.
Maximum Grain Size	0-20 mm
Vertical Pumping Distance	75 meters
Horizontal Pumping Distance	150 meters
Vibration Motor Power	0.18 kW
Main Engine Power	5.5 kW
Total Consumption	6 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	2 inches
Rotor Speed	14 rpm.
Nozzle Diameter	65 mm
Operating Temperature	5-55 C°
Gross weight	900 kg



TRN-CSM-1500

Cement Spraying Machine (Dry and Wet)



The TRN-CSM-1500 is an innovative machine that offers superior performance in both wet and dry cement spraying operations. This machine offers dry and wet cement spraying capabilities, for large-scale projects such as tunnel entrances, tunnel interiors, roadside dams, bridges and building surfaces.

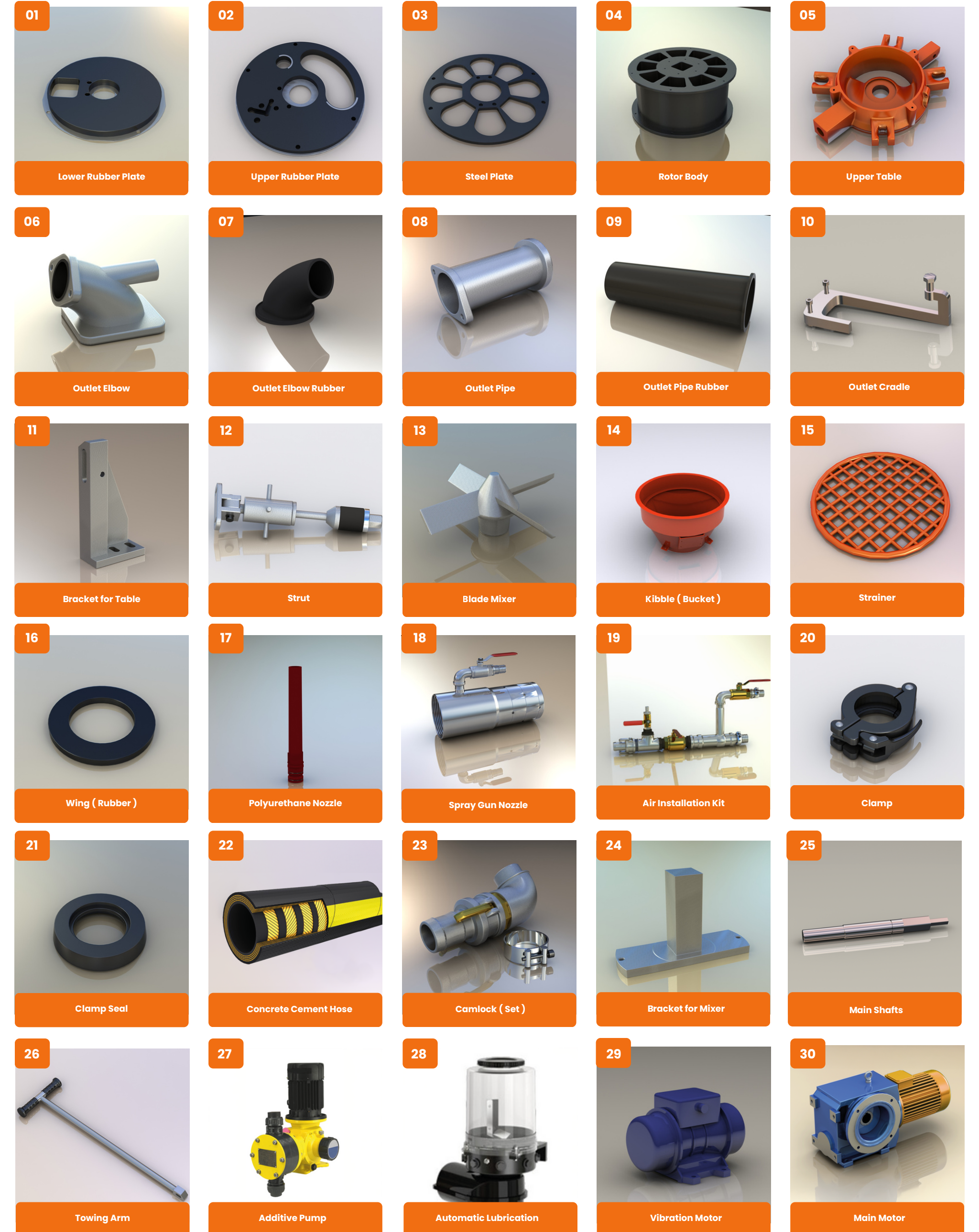
The TRN-CSM-1500 dry and wet cement spraying machine can apply construction materials such as gravel, crushed gravel, and coarse sand with a maximum aggregate size of 15 mm using the shotcrete method.

The TRN-CSM-1500 offers efficient operation in large areas by means of its 15 m³/hour cement spraying capacity. Its 70-meter vertical pumping range and 150-meter horizontal spraying range enable the transport of shotcrete and cement materials to high altitudes.

For wet type spraying, the concrete mixture is premixed with water and then sprayed. This method minimizes dust formation and provides a more controlled spray. For dry type spraying, the mixture is combined with water before the spray nozzle, providing more effective spraying performance, especially for longer distances.

Technical Specifications

Dimensions - WxLxH	1000 X 2000 X 1650 mm
Rotor Bulk	20 liters
Theoretical Spraying Capacity	8 m³/hour
Outlet Hose Diameter	65*85mm
Air Consumption	15-20 m³ / min .
Maximum Grain Size	0-16 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	85 meters
Vibration Motor Power	0.18 kW
Main Engine Power	11 kW
Total Consumption	12 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	2 inches
Rotor Turnover	16 rpm.
Nozzle Diameter	65 mm
Operating Temperature	5-55°C
Grease Pump	Automatic Lubrication
Speed Control System	3 Ports 30/40/50 Hz
Gross weight	1,650 kg



TRN-CSD-800

Cement Spraying Distributor (Robot)



The TRN-CSD-800 cement spraying distributor (robot) is an ideal machine for efficient and rapid results-oriented work on rough terrain, tunnel structures, mining structures, highway slope applications, and shaft applications. Our machine, with its remote control, provides operator convenience and maximizes productivity.

It is also an ideal solution for ground applications and seismic reinforcement work. Its cable-pulling winch allows it to be easily positioned in application areas inaccessible to other vehicles.

Our cement spraying distributor (robot) is fully equipped with a boom system, nozzle system, and cylindrical foot fixing system.

Our TRN-CSD-800 distributor can be easily operated using a wired or wireless remote control.

TRN-CSDR-800 is fully equipped with tower rotation system, telescopic boom, nozzle rotation group, wired / wireless remote control system, additive tank-pump, braking system and hydraulic foot presser cylinders.

Technical Specifications

Dimensions - WxLxH	2100 X 7000 X 2250 mm
Required Air Capacity	8 m³/hour
Required Generator Capacity	22 kW
Theoretical Spraying Capacity	min: 3 - max: 22 m³/Hour
Main Engine Power	7.5 kW
System Voltage	24 V/Hz
Hydraulic System Type	Open Circuit
Main Pump Type	Gear System
Hydraulic Oil Tank	50 liters
Scan Area Radius	6.20 meters
Vertical Reach	5.80 meters
Rotation Angle °	355°
Weight	2.255 kg





Cement Injection Machines

 www.torunsan.com

 +90 850 582 56 96

 info@torunsan.com

TRN-CIM-40

Cement Injection Machine (R&S Type)



The TRN-CIM-40 cement injection machine, using an innovative P8 pump, delivers liquid cement to a grout consistency, achieved by mixing the desired amount of water and cement into the tank. It offers successful solutions for filling cracks in tunnels and tunnel openings, rock bolts on roadsides, ground reinforcement, ground filling, and tunnels in dams and hydroelectric power plants.

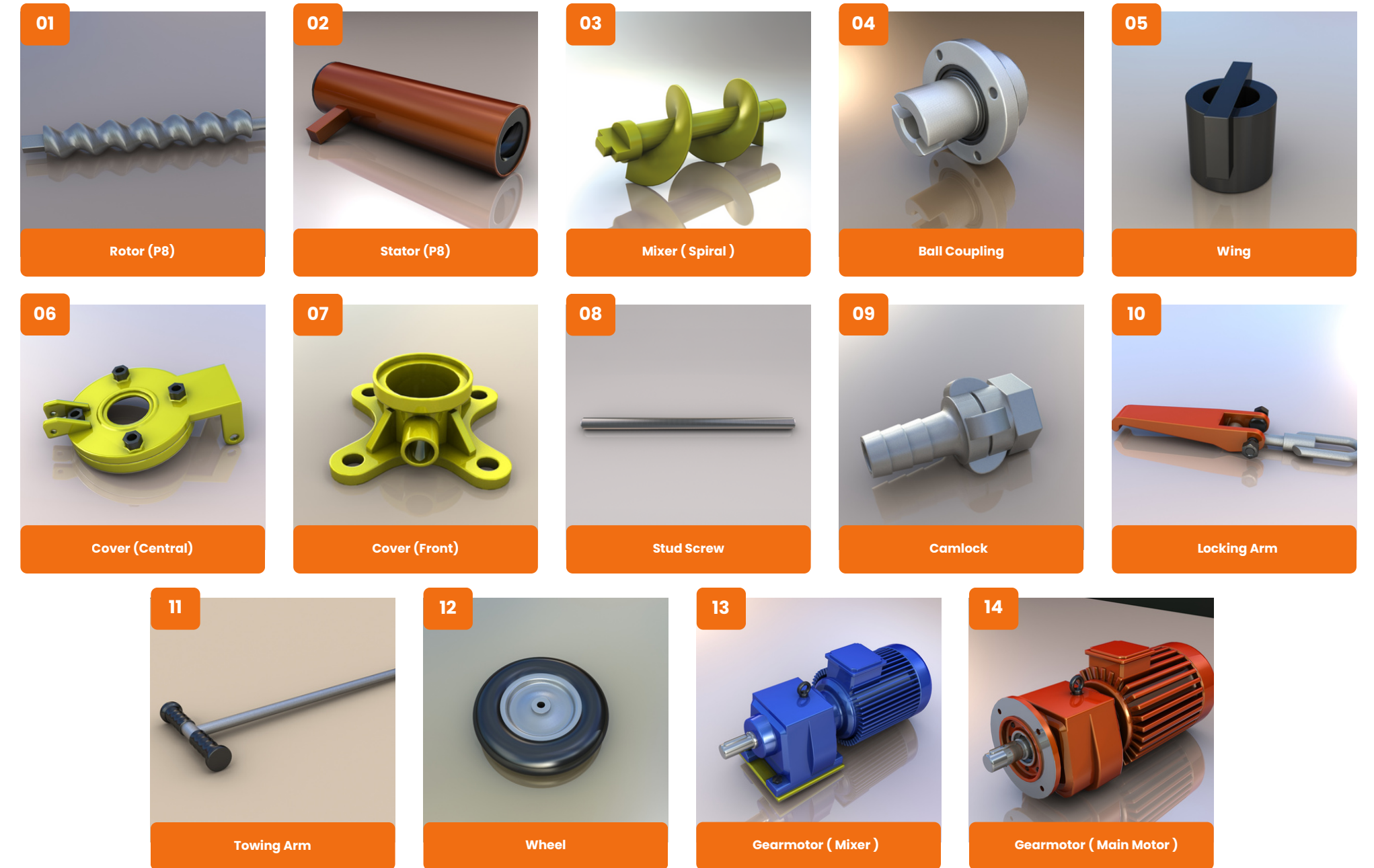
Its pumping method for liquid materials (construction chemicals, plaster, ready-mixed plaster, screed, bolt cement grout, etc.) makes it suitable for a variety of industries.

Its systems, which protect against overheating, overpressure, and electrical problems, prioritize operator safety.

The TRN-CIM-40 is easily transportable and installable by means of its modular structure. It can be quickly assembled and disassembled for use in different projects. This feature prevents time loss on the construction site and allows you to complete your projects faster.

Technical Specifications

Dimensions - WxLxH	1100 X 2600 X 1750 mm
Mixer Motor Power	3 kW
Main Engine Power	5.5 kW
Total Consumption	9 kW
Type for Pumping	P8
Voltage/Frequency	380/50 - 440/60 V/Hz
Theoretical Pumping Quality	40-50 lt/min.
Maximum Outlet Pressure	40 bars
Outlet Hose Diameter	1 inch
Engine Rotation Speed	277 rpm
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-2 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	100 meters
Operating Temperature	5-55 C°
Gross weight	400 kg



TRN-CIM-50

Cement Injection Machine (R&S Type)



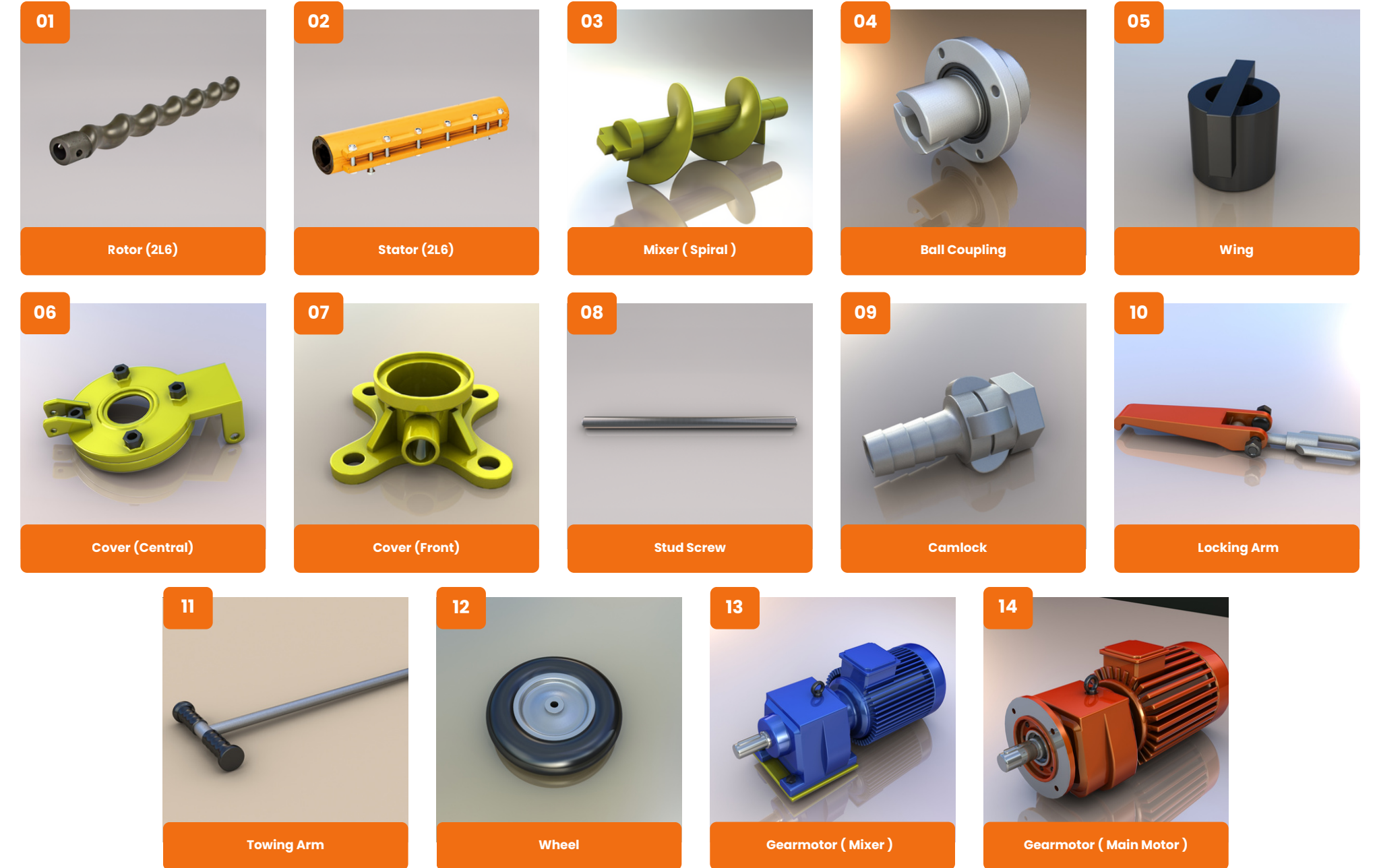
TRN-CIM-50, through its innovative 2L6 pump, provides successful solutions for filling cracks in tunnels and tunnel mouths, rock bolts on roadsides, ground reinforcement, ground filling, and tunnels in dams and on hydroelectric power plant by mixing water and cement.

The TRN-CIM-50, with its powerful engine and high-pressure capacity, offers a wide range of applications. Its user-friendly control panel and ergonomic design simplify operator's work and increase work efficiency. Adapters allow for connection of bits of any diameter and specification as needed.

The TRN-CIM-50, with its modular structure, is easily transportable and installable. It can be quickly assembled and disassembled for use in various projects. This feature prevents time loss on the construction site and allows you to complete your projects faster.

Technical Specifications

Dimensions - WxLxH	1100 X 2800 X 1750 mm
Mixer Motor Power	3 kW
Main Engine Power	7.5 kW
Total Consumption	11 kW
Type for Pumping	2L6
Voltage/Frequency	380/50 - 440/60 V/Hz
Theoretical Pumping Quality	50-60 lt/min.
Maximum Outlet Pressure	50 bars
Outlet Hose Diameter	1 inch
Engine Rotation Speed	407 rpm
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-4 mm
Vertical Pumping Distance	65 meters
Horizontal Pumping Distance	130 meters
Operating Temperature	5-55°C
Gross weight	550 kg



TRN-CIM-60

Cement Injection Machine (R&S Type)



TRN-CIM-60, through its innovative 2L6 pump, provides successful solutions for filling cracks in tunnels and tunnel mouths, rock bolts on roadsides, ground reinforcement, ground filling, and tunnels in dams and on hydroelectric power plant by mixing water and cement.

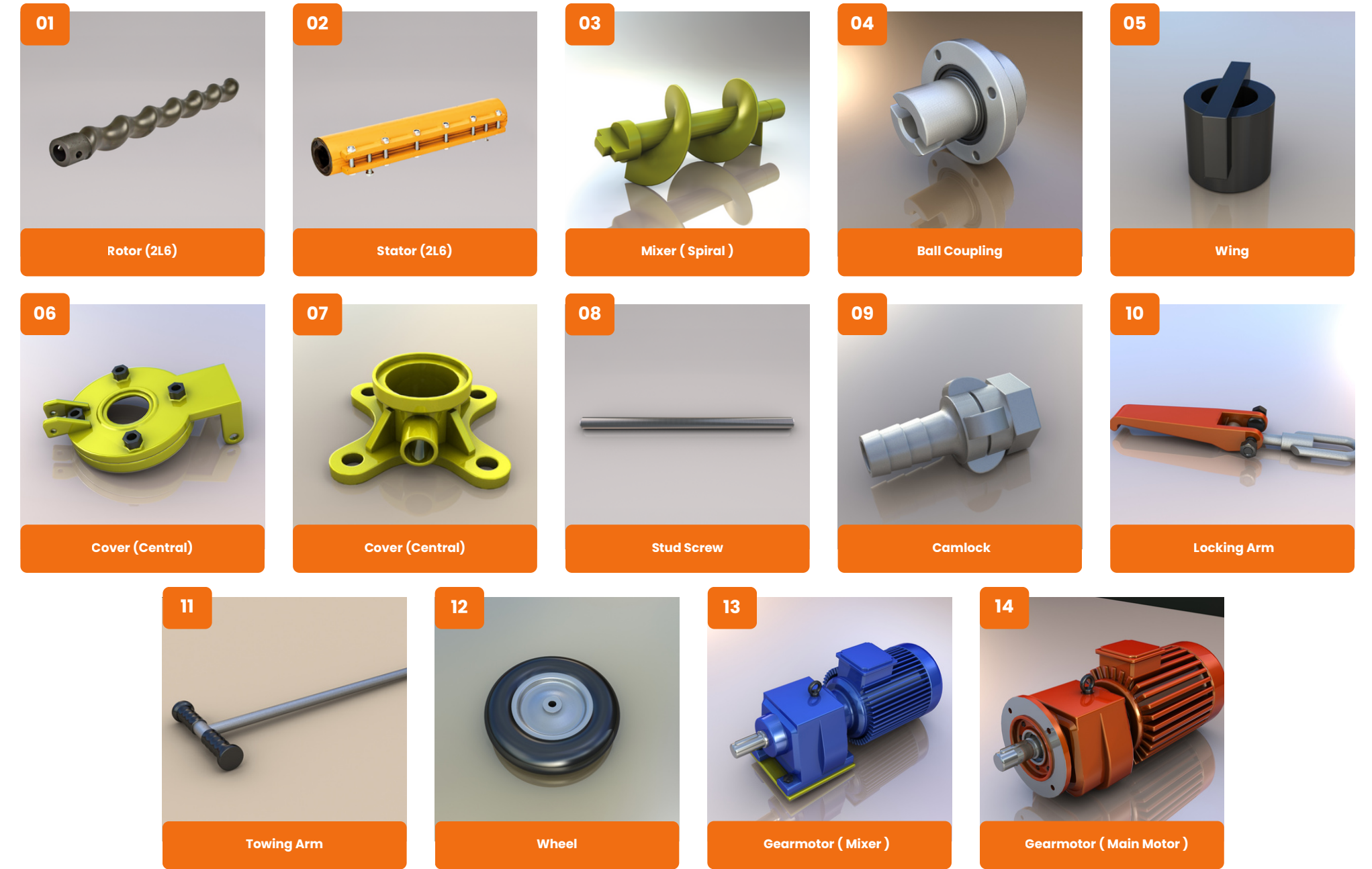
The machine features a double boiler, allowing the user to mix in the upper boiler and discharge it into the lower boiler. Depending on the cement output from the lower boiler, the pumping process can continue non-stop with the help of P8, 2L6, and 2L8 rotor and stator models. This allows the pump to continue uninterrupted, while the upper boiler mixes continuously. This distinguishes it from similar machines.

Its pumping method for liquid materials (construction chemicals, plaster, ready-mixed plaster, screed, cement grout, etc.) makes it suitable for a variety of industries. Its superior performance and reliability in cement injection make it an indispensable tool for your construction and infrastructure projects.

NOTE: Our TRN-CIM-60 cement injection machine can accommodate all P8, 2L6, and 2L8 rotor and stator assemblies. Depending on the rotor and stator assembly requested, modifications to the main motor and electrical components are required for increased capacity and efficiency. Additionally, a wired/wireless remote control is available as an option upon request.

Technical Specifications

Dimensions - WxLxH	1350 X 3000 X 1750 mm
Mixer Motor Power	3 kW
Main Engine Power	7.5 kW / 11 kW
Total Consumption	11 - 14 kW
Type for Pumping	P8-2L6-2L8
Voltage/Frequency	380/50 - 440/60 V/Hz
Theoretical Pumping Quality	50-70-90 lt/min.
Maximum Outlet Pressure	50 - 70 bars
Outlet Hose Diameter	1 inch
Engine Rotation Speed	277 - 407 rpm
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-5 mm
Vertical Pumping Distance	65 meters
Horizontal Pumping Distance	130 meters
Operating Temperature	5-55 C°
Gross weight	800 - 1,200 kg



TRN-CIM-80

Cement Injection Machine (R&S Type)



TRN-CIM-80, through its dual-boiler design, provides successful solutions for filling cracks in tunnels and tunnel mouths, rock bolts on roadsides, ground reinforcement, ground filling, and tunnels in dams and on hydroelectric power plant by mixing water and cement.

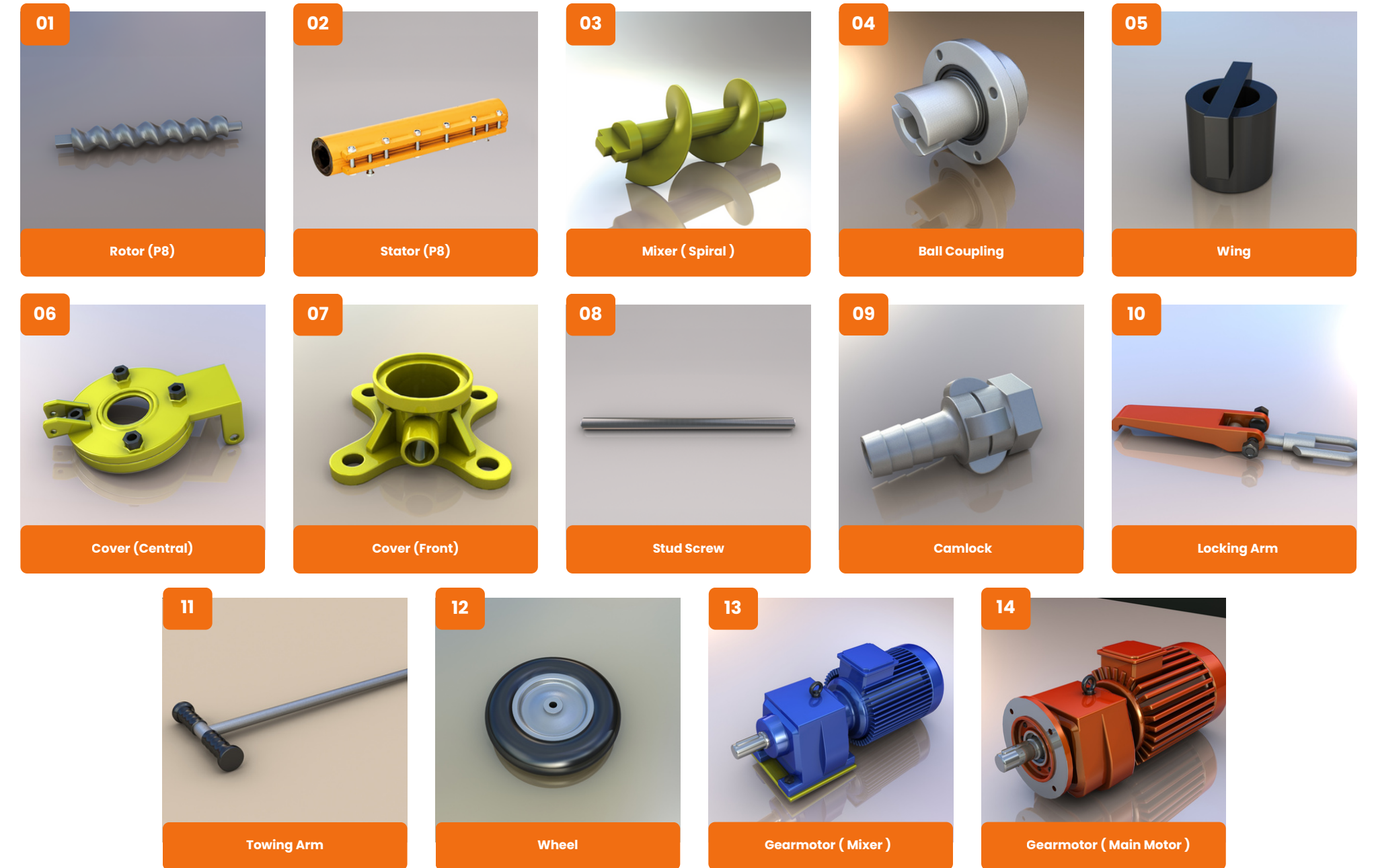
The machine features a double boiler, allowing the user to mix in the upper boiler and discharge it into the lower boiler. Depending on the cement output from the lower boiler, the pumping process can continue uninterrupted with the help of P8, 2L6, and 2L8 rotor and stator models. This distinguishes it from similar machines.

Due to its pumping method for liquid materials (construction chemicals, plaster, ready-mixed plaster, screed, cement grout, etc.), it can be used in a variety of sectors.

NOTE: TRN-CIM-80 cement injection machine can accommodate all P8, 2L6, and 2L8 rotor and stator assemblies. Depending on the rotor and stator assembly requested, modifications to the main motor and electrical components are required for increased capacity and efficiency. Additionally, a wired/wireless remote control is available as an option upon request.

Technical Specifications

Dimensions - WxLxH	1250 X 2250 X 2000 mm
Mixer Motor Power	3 kW
Main Engine Power	7.5 kW / 11 kW
Total Consumption	11 - 14 kW
Type for Pumping	P8-2L6-2L8
Mixer Vessel Volume	400 Liters
Relaxing Boiler Volume	700 Liters
Voltage/Frequency	380/50 - 440/60 V/Hz
Theoretical Pumping Quality	40-60-80 lt/min.
Maximum Outlet Pressure	50 - 70 bars
Outlet Hose Diameter	1 inch
Engine Rotation Speed	277 - 407 rpm
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-5 mm
Vertical Pumping Distance	65 meters
Horizontal Pumping Distance	130 meters
Operating Temperature	5-55 C°
Gross weight	1,100 - 1,300 kg



TRN-CIM-100

Cement Injection Machine (Piston Type)



The TRN-CIM-100, a piston cement injection machine, features a double-boiler design that allows for the simultaneous use of different cement mixtures. This dual-boiler design also facilitates mixing and settling operations simultaneously.

Mini Jet Grout can be used in many areas, including ground reinforcement and underground reinforced concrete construction. It can also pump various building materials or chemicals with similar viscosities.

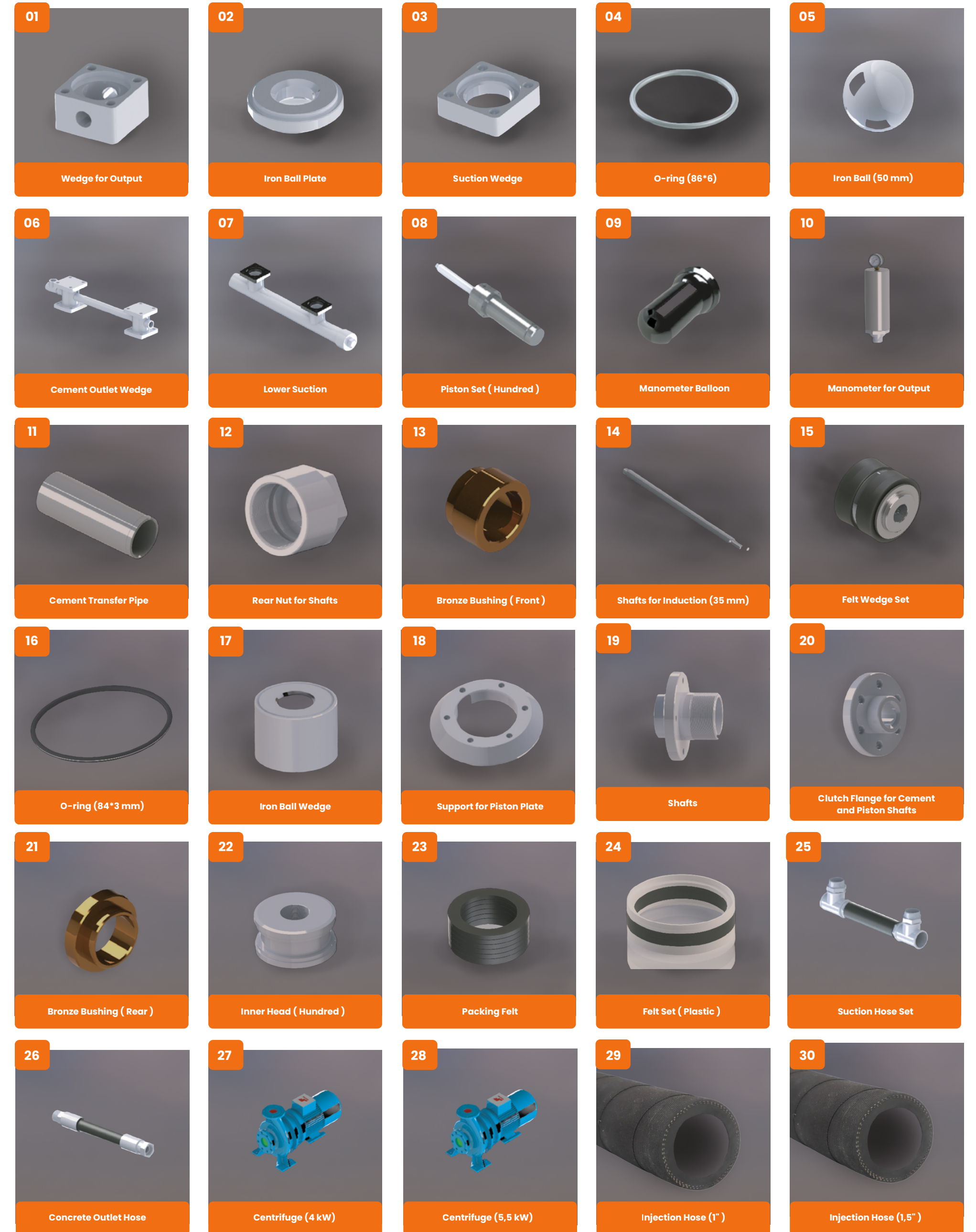
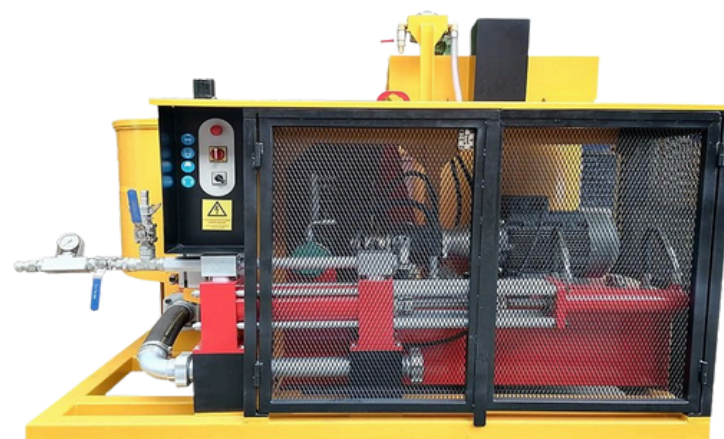
Models with piston thrust forces ranging from 6 to 20 tons can be produced upon request. Titanium and chrome-plated cylinder liner options allow for use with abrasive mixtures.

High pump flow, low hydraulic pressure, and a maintenance-free valve system ensure safety for operator and long machine longevity. The whole electrical component is Siemens, and the whole hydraulic component is Rexroth. This machine, which can make 1.8 bar injection with a diameter of 100 inch nozzle, is remarkable for its practical use, easy cleanability and high reliability.

TRN-CIM-100 can be easily transported and installed with its modular structure. It can be quickly assembled and disassembled for use in different projects.

Technical Specifications

Dimensions - WxLxH	1250 X 3000 X 2000 mm
Mixer Motor Power	3 kW
Relaxing Engine Power	3 kW
Hydraulic Pump Motor Power	12 kW
Total Consumption	18 kW
Mixer Vessel Volume	400 Liters
Relaxing Boiler Volume	700 Liters
Hydraulic Oil Tank Capacity	180 Liters
Voltage/Frequency	380/50 - 440/60 v/Hz
Theoretical Pumping Quality	100 lt/min.
Maximum Outlet Pressure	100 bars
Outlet Hose Diameter	1.8 inches
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-2 mm
Vertical Pumping Distance	60 meters
Horizontal Pumping Distance	120 meters
Operating Temperature	5-55 C°
Gross weight	1,500 kg



TRN-CIM-200

Cement Injection Machine (Piston Type)



The TRN-CIM-200, a piston cement injection machine, features a double-boiler design that allows for the simultaneous use of different cement mixtures. This dual-boiler design also facilitates mixing and settling operations simultaneously.

Mini Jet Grout can be used in many areas, including ground reinforcement and underground reinforced concrete construction. It can also pump various building materials or chemicals with similar viscosities.

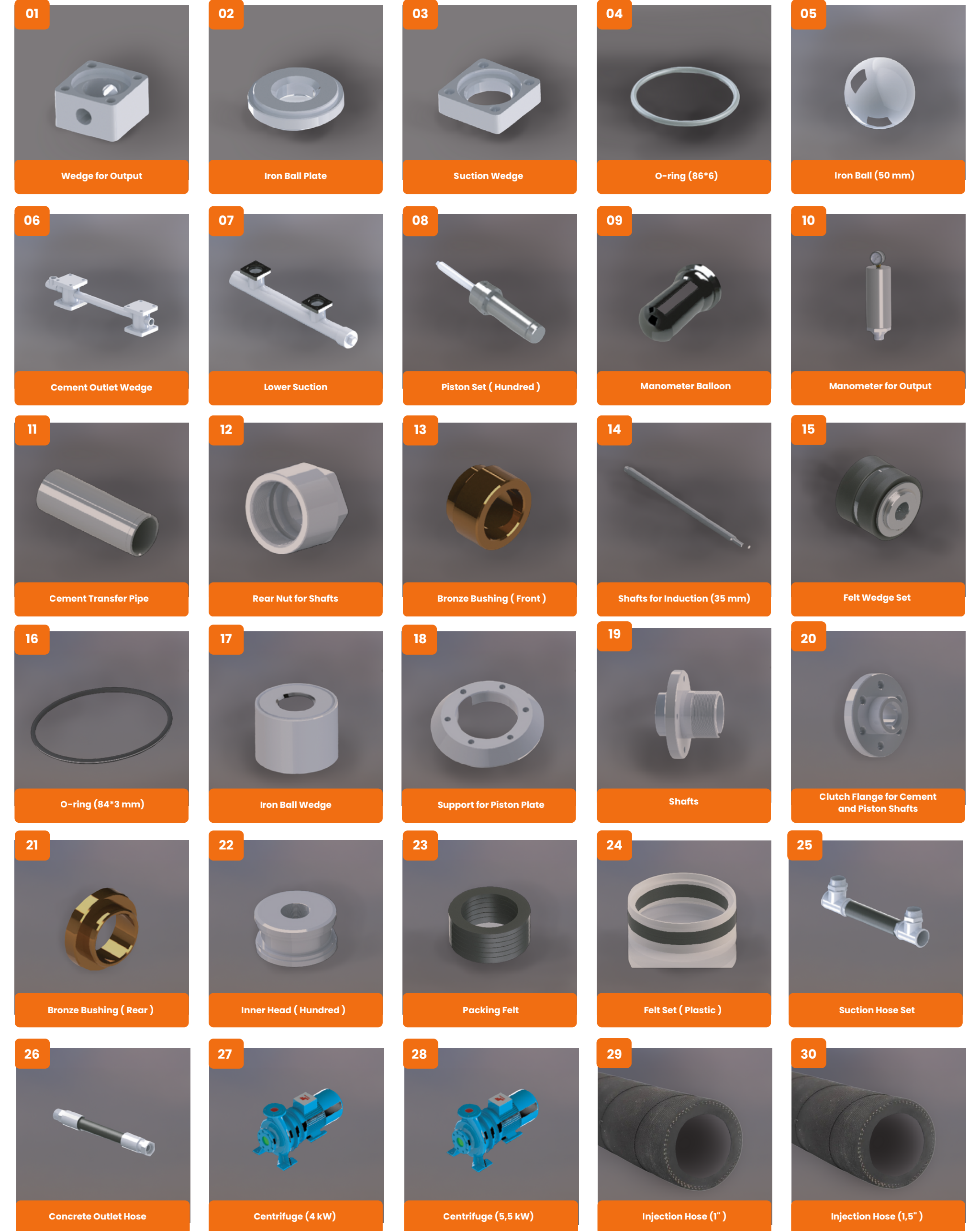
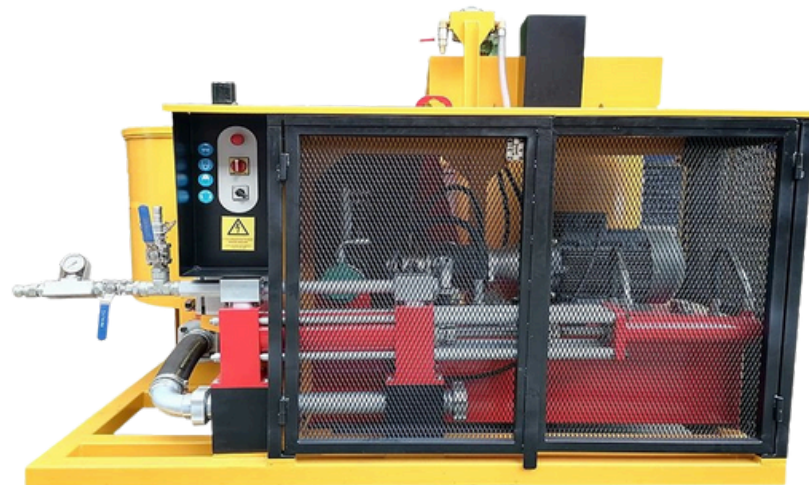
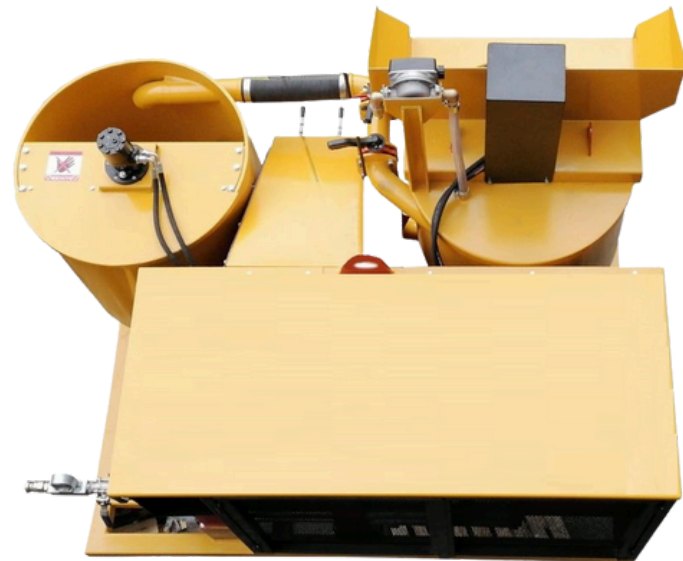
Models with piston thrust forces ranging from 6 to 20 tons can be produced upon request. Titanium and chrome-plated cylinder liner options allow for use with abrasive mixtures.

High pump flow rate, low hydraulic pressure and non-maintenance flap system ensure operator safety and machine longevity. The whole electrical component is Siemens, the whole hydraulic component is Rexroth brand. This machine, which can make 2.2 bar injection with a diameter of 200 inch nozzle, attracts attention with its practical use, easy cleanability and high reliability.

TRN-CIM-200 can be easily transported and installed with its modular structure. It can be quickly assembled and disassembled for use in different projects.

Technical Specifications

Dimensions - WxLxH	1250 X 3000 X 2000 mm
Mixer Motor Power	3 kW
Relaxing Engine Power	3 kW
Hydraulic Pump Motor Power	15 kW
Total Consumption	21 kW
Mixer Vessel Volume	400 Liters
Relaxing Boiler Volume	700 Liters
Hydraulic Oil Tank Capacity	180 Liters
Voltage/Frequency	380/50 - 440/60 V/Hz
Theoretical Pumping Quality	150 lt/min.
Maximum Outlet Pressure	200 bars
Outlet Hose Diameter	2.2 inches
Mixer Rotation Speed	55 rpm
Maximum Grain Size	0-2mm
Vertical Pumping Distance	60 meters
Horizontal Pumping Distance	120 meters
Working Temperature	5-55°C
Gross weight	1,700 kg





Refractory Spraying Machines

 www.torunsan.com

 +90 850 582 56 96

 info@torunsan.com

TRN-RSCM-200

Refractory Cement Spraying Machine



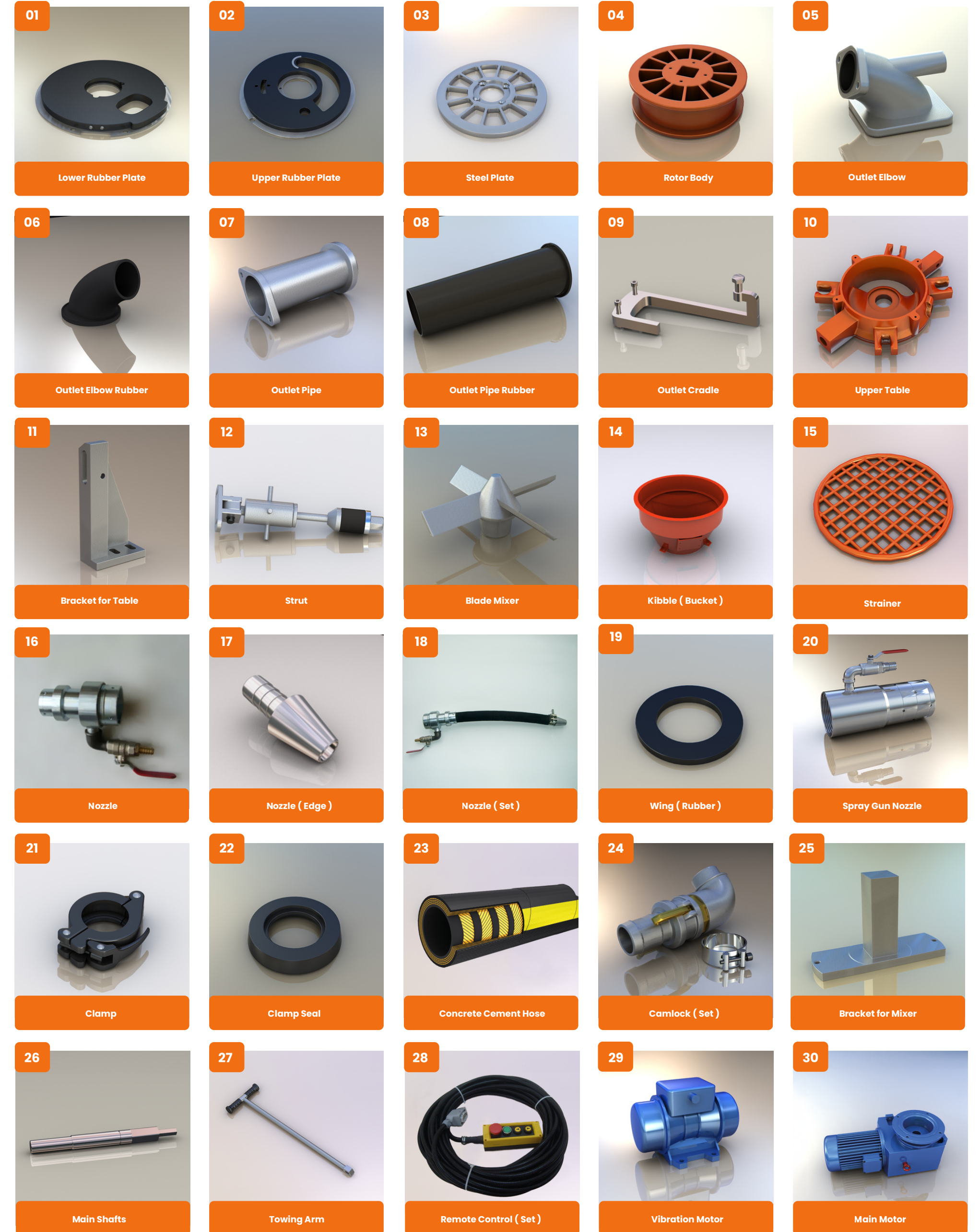
TRN-RSCM-200 Refractory spraying machine provides a reliable and efficient solution for industrial applications.

TRN-RSCM-200 offers efficient operation in large areas with a spraying capacity of 2m³/hour. 50 meters vertical pumping and 100 meters horizontal pumping distance allows the transportation of refractory and concrete materials to high places.

TRN-RSCM-200 is suitable for use in industrial applications such as cement factories, iron-steel factories and high-heat furnaces. Provides successful spraying process through maximum 10-12 mm aggregate sizes.

Technical Specifications

Dimensions - WxLxH	900 X 1500 X 1400 mm
Rotor Bulk	8 liters
Theoretical Spraying Capacity	2 m³/hour
Outlet Hose Diameter	40X60mm
Air Consumption	6-7 m³ / min.
Maximum Grain Size	0-12 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	100 meters
Main Engine Power	3 kW
Vibration Motor Power	0.18 kW
Total Consumption	3.2 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	1 ½ inches
Rotor Turnover	14 rpm.
Nozzle Diameter	40 / 50 mm
Operating Temperature	5-55 C°
Gross weight	550 kg



TRN-RCSM-400

Refractory Cement Spraying Machine



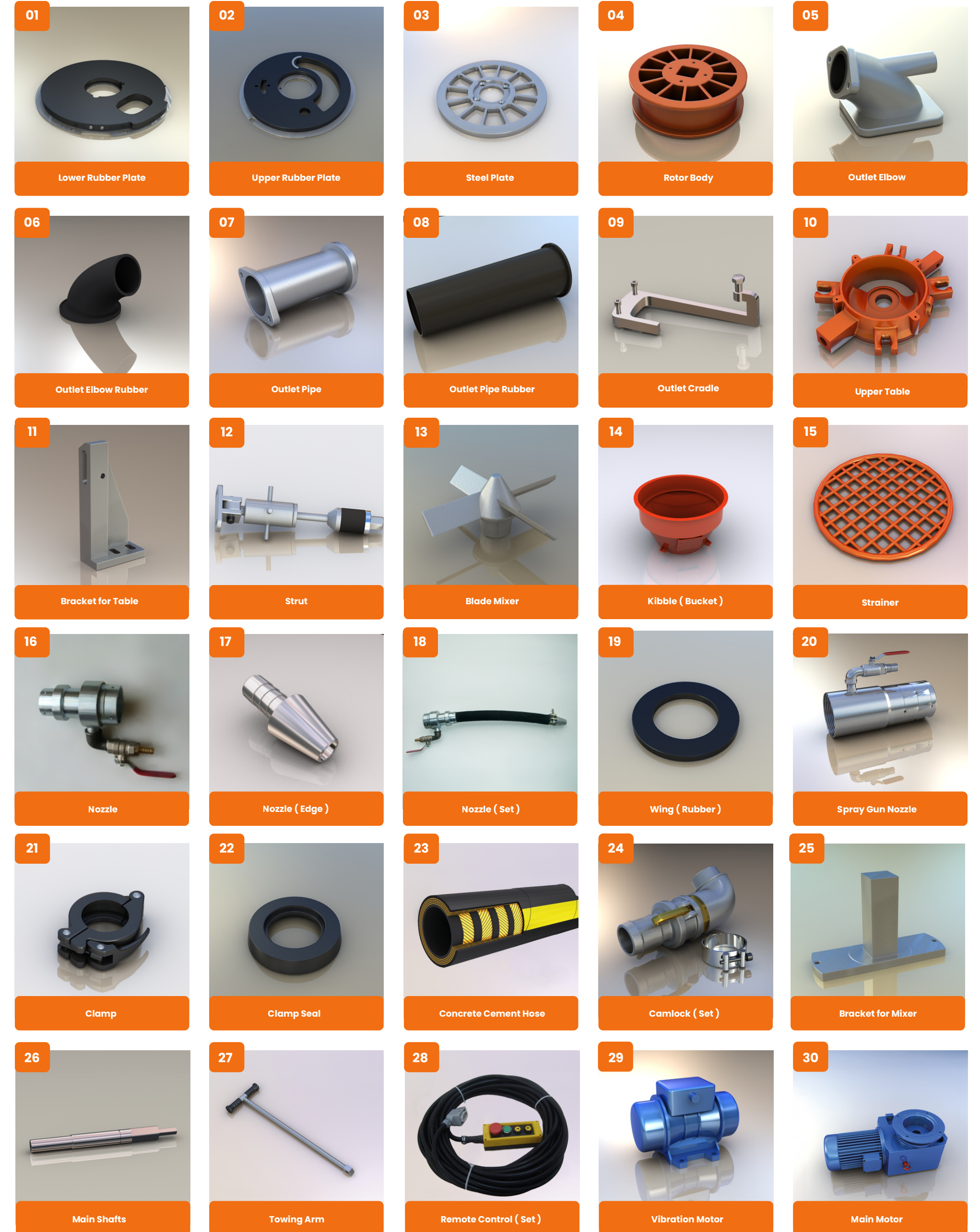
TRN-RSCM-400 Refractory spraying machine provides a reliable and efficient solution for industrial applications.

TRN-RSCM-400, offers efficient operation in large areas with spraying capacity of 4m³/hour. 50 meters vertical pumping and 100 meters horizontal pumping distance makes it possible to transport refractory and concrete materials to high places.

TRN-RSCM-400 is suitable for use in industrial applications such as cement factories, iron-steel factories and high-heat furnaces. Provides successful spraying process through maximum 10-12 mm aggregate sizes.

Technical Specifications

Dimensions - WxLxH	900 X 1500 X 1400 mm
Rotor Bulk	15 liters
Theoretical Spraying Capacity	4 m ³ /hour
Outlet Hose Diameter	50X70 mm
Air Consumption	6-7 m ³ / min.
Maximum Grain Size	0-12 mm
Vertical Pumping Distance	50 meters
Horizontal Pumping Distance	100 meters
Main Engine Power	3 kW
Vibration Motor Power	0.18 kW
Total Consumption	3.2 kW
Voltage / Frequency	380/50 - 440/60 V/Hz
Air intake	1 ½ inches
Rotor Turnover	14 rpm.
Nozzle Diameter	40 / 50 mm
Operating Temperature	5-55 C°
Gross weight	550 kg





Cement Mixing Machines

 www.torunsan.com

 +90 850 582 56 96

 info@torunsan.com

TRN-CMM-250

Cement Mixing Machine



TRN-CMM-250 is a concrete mixing machine that performs all the mortar mix operations needed in the construction industry with superior efficiency and performance.

With its advanced technology and durable structure, refractory material is used for mixing concrete, cement sand, gravel, stones and chemical materials used in floors.

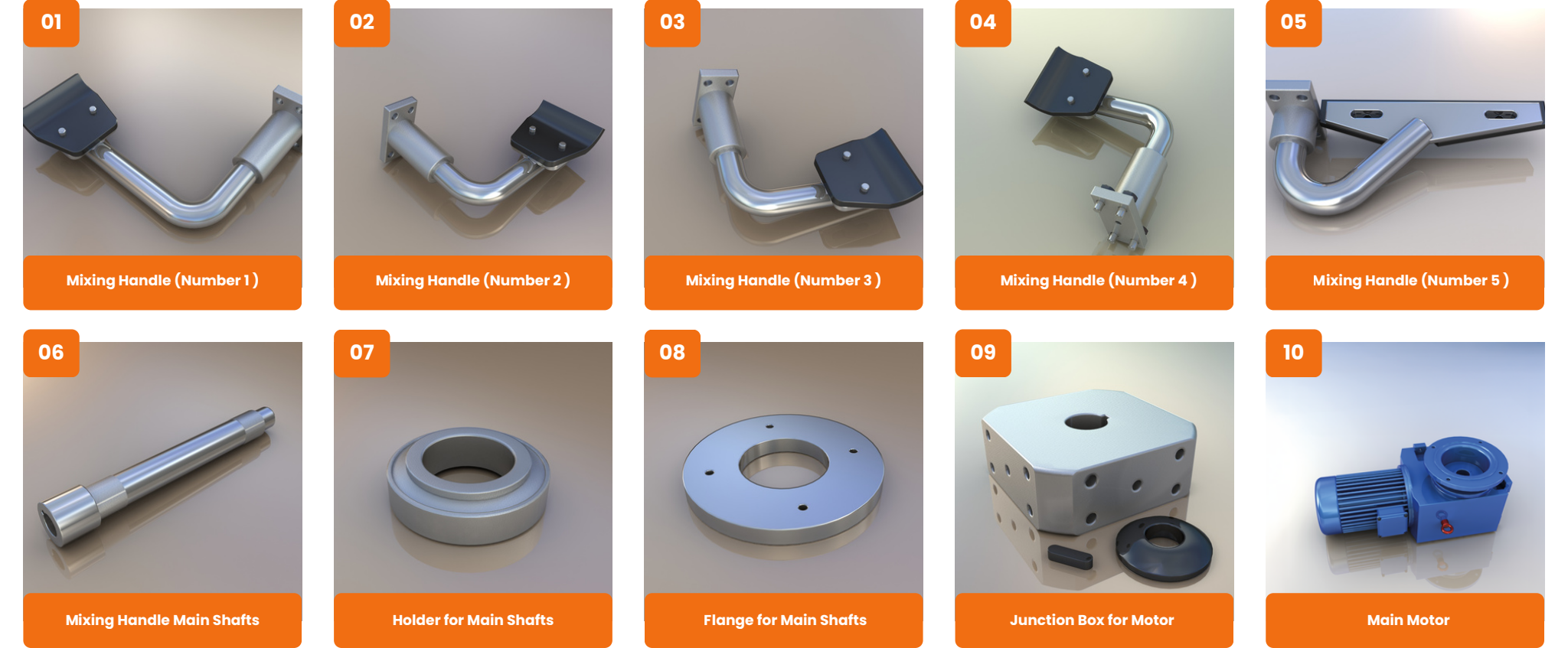
TRN-CMM-250 prepares concrete mixtures with excellent homogeneity. This machine is an ideal solution for a variety of construction applications.

It allows you to achieve excellent results especially in ready-made plastering and concrete spraying processes. The homogeneity of the mixtures improves the quality of your construction projects and helps you build long-lasting structures.

Ergonomic control panel allows you to manage easily all the functions of the machine. Equipped with a variety of safety measures, this machine provides protection against overheating and pressure situations, keeps the safety of operation at the highest level.

Technical Specifications

Dimensions - WxLxH	800 X 900 X 1150 mm
Boiler Bulk	250 Liters
Mixing Speed	14 rpm.
Voltage / Frequency	380/50 - 440/60 V/Hz
Engine Power	4 kW
Total Consumption	4 kW
Operating Temperature	5-55 C°
Gross weight	350 kg



TRN-CMM-500

Cement Mixing Machine



TRN-CMM-500 Cement mixed machine is a concrete mixing machine that realizes all the mortar mix processes needed in the construction industry with superior efficiency and performance.

With its advanced technology and durable structure, refractory material is used for mixing concrete, cement sand, gravel, stones and chemical materials used in floors.

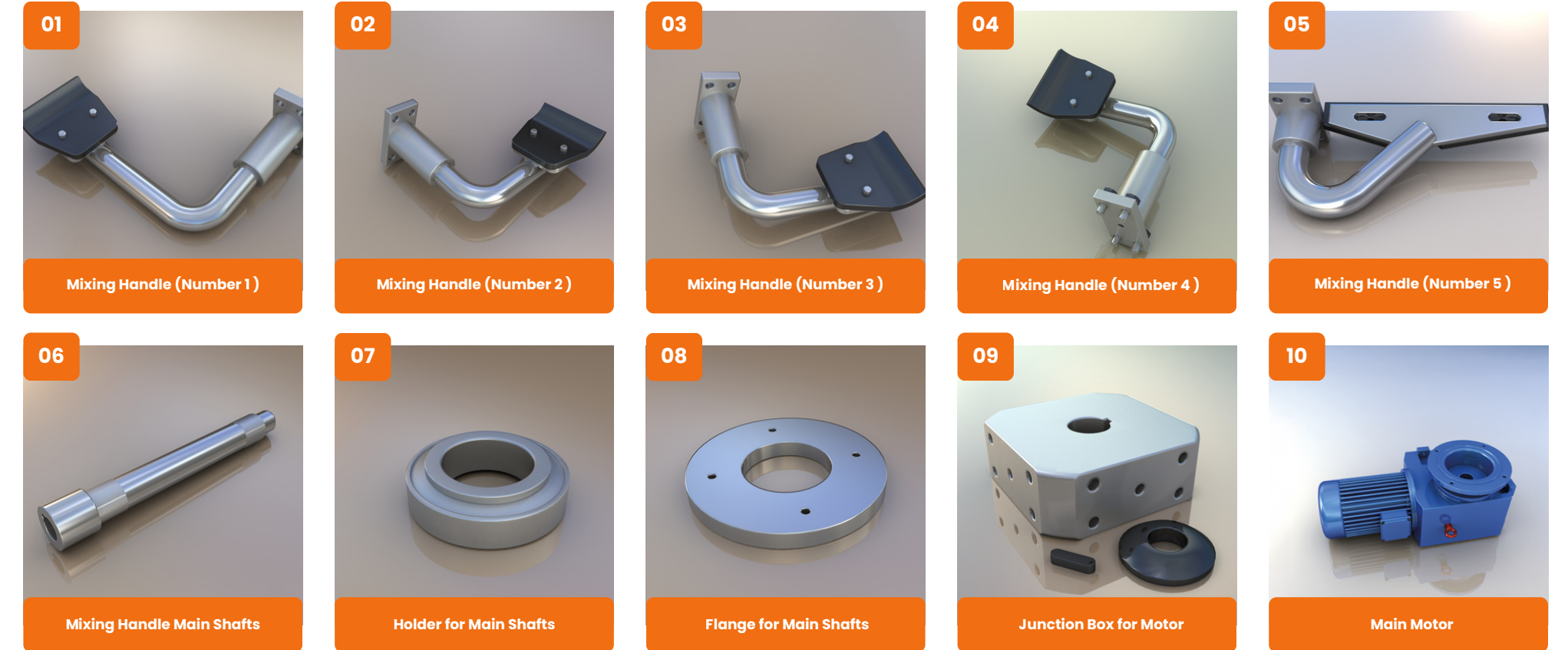
TRN-CMM-500 prepares concrete mixtures with excellent homogeneity. This machine is an ideal solution for a variety of construction applications.

It allows you to achieve excellent results especially in ready-made plastering and concrete spraying processes. The homogeneity of the mixtures improves the quality of your construction projects and helps you build long-lasting structures.

Ergonomic control panel allows you to easily manage all the functions of the machine. Equipped with a variety of safety measures, this machine provides protection against overheating and pressure situations, keeps the safety of operation at the highest level.

Technical Specifications

Dimensions - WxLxH	1400 X 1400 X 1500 mm
Boiler Bulk	500 Liters
Mixing Speed	31 rpm.
Voltage / Frequency	380/50 - 440/60 V/Hz
Engine Power	11 kW
Total Consumption	11 kW
Operating Temperature	5-55°C
Gross weight	850 kg





Brick Cutting Machines

 www.torunsan.com

 +90 850 582 56 96

 info@torunsan.com

TRN-BCM-150

Brick Cutting Machine



TRN-BCM-150 provides cutting of concrete mixes of brick, briquettes, marble, granite, stone and so on with the use of appropriate sawing. As the cutting motor is directly connected to the saw, there is no loss of power during cutting. The saw block is carried out by means of bearings on two chrome shafts, providing comfortable and precise cutting.

ВодяноThe water motor on the machine ensures the cooling of the saw during cutting. By tilting the rails on two sides, 45 degrees and 90 degrees can be angled with the miter system on the platform. The machine moves with cable walker connected on rails.

The machine saw and rail, which is semi-automatic, are controlled through the board. Forward-back movement and speed are provided. The machine is delivered with the requested saw diameter.

Technical Specifications

Dimensions - WxLxH	700 X 1500 X 1500 mm
Blade Diameter	500-600 mm
Blade Thickness	4-5 mm
Depth of Cut	180 mm
Cutting Length	600 mm
Voltage / Frequency	380/50 - 440/60 V/Hz
Engine Power	4 kW
Total Consumption	4 kW
Operating Temperature	5-55°C
Operating Method	Semiautomatic
Gross weight	150 Kg



TRN-BCM-300

Brick Cutting Machine



TRN-BCM-150 provides cutting of concrete mixes of brick, briquettes, marble, granite, stone and so on with the use of appropriate sawing. As the cutting motor is directly connected to the saw, there is no loss of power during cutting. The saw block is carried out by means of bearings on two chrome shafts, providing comfortable and precise cutting.

The water motor on the machine ensures the cooling of the saw during cutting. By tilting the rails on two sides, 45 degrees and 90 degrees can be angled with the miter system on the platform. The machine moves with cable walker connected on rails.

The machine saw and rail, which is semi-automatic, are controlled through the board. Forward-back movement and speed are provided. The machine is delivered with the requested saw diameter.

Technical Specifications

Dimensions - WxLxH	700 X 1500 X 1500 mm
Blade Diameter	500-600 mm
Blade Thickness	4-5 mm
Depth of Cut	180 mm
Cutting Length	600 mm
Voltage / Frequency	380/50 - 440/60 V/Hz
Engine Power	4 kW
Total Consumption	4 kW
Operating Temperature	5-55 C°
Operating Method	Semiautomatic
Gross weight	150 kg



