ACME EQUIPMENT

The Prime Source for Concrete & Construction Equipment

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Reaching New Heights

Every project is important to us; We treat every project like our own.

Oriented towards the challenges of our customers, their projects & requirements, we constantly seek development of new technology & ensure our spare parts inventory are well-stocked to support.

ACME EQUIPMENT PTE LTD
INTRODUCTION

2014

1981

1987

2006

2011

Acme Equipment was first established in 1981 with the aim to supply quality concrete and construction equipment, spare parts and service support into the Asia region.

Headquartered in Singapore, Acme's decade of operating experience has played a pivotal role in the development of the construction industry. As one of the leading construction equipment suppliers in Singapore, we are driven to expand and work together with our vast networks of offices throughout Asia to provide quality equipment for our customers. In 2014, Acme expanded its office to a gross floor area of 1,100 square metres, enabling us to provide better customer experience with a greater service space for machinery maintenance and ample stocks.

Acme Equipment Pte Ltd has since been recognised as a successful sterling international brand and was awarded the 2015 Asia Enterprise Brand Awards (AEBA).

bizSAFE 3

Enterprise Brand Awards 2015

30 Years of Excellence

ACME EQUIPMENT PTE LTD
INTRODUCTION

Product & Services

Our aim is consistent throughout the years – to provide our clients with quality equipment & customised solutions. Acme recognises that every project is unique, hence we always provide on-site evaluation, consultation, product demonstration, commissioning & after-sales support.

We partner with reputable international manufacturers that guarantees quality & durable equipment.
These products are highly innovative and designed specially with productivity improvement and the environment in mind.

- *Supplier of Concrete & Construction Equipment*
- *New/Used Equipment Trading with Spare Part Support*
- *Customised Heavy Lifting & Transportation Equipment*

Our Partners

Teka

REED

MM MORTARMASTER

MAI INTERNATIONAL

ChemGrout
Widest Selection of Grouting Equipment in the World

Batching & Mixing Plant

Known for its distinctive design, the TEKA Concrete Batching and Mixing Plant is the top choice for many, all around the world. If you are looking for a quick and cost-saving set-up without the compromise of quality, TEKA has just the right equipment to suit your needs.

The Advantages

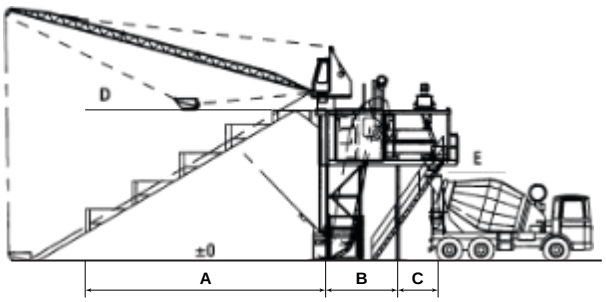
TEKA Plant can be installed on any jobsite, with ready modules and compact design enabling it to be set up quickly. Excess capacity is minimised as one plant can serve several projects. Most TEKA Batching and Mixing Plant can be transported from site to site with an ordinary lorry and shifted with simple hoisting or lifting appliances. It is also cost-efficient due to no required pit or major foundation works and low installation costs.

Tudawe Brothers Limited, Sri Lanka
Ready Mix Concrete

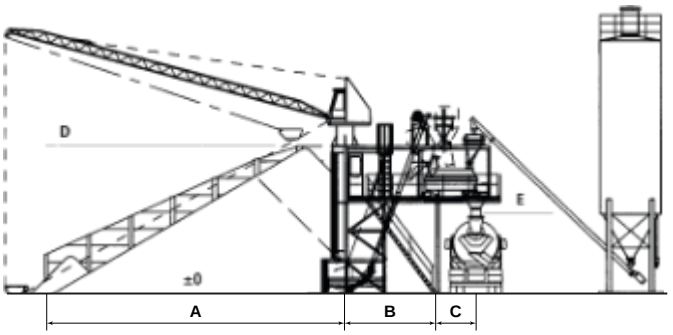
Syscon Pte Ltd, Singapore
Precast Factory

Sunpower System Pvt Lltd, Sri Lanka
Water Treatment Plant Project

TRANSMIX Scraper System THZ



THZ 750 - S4



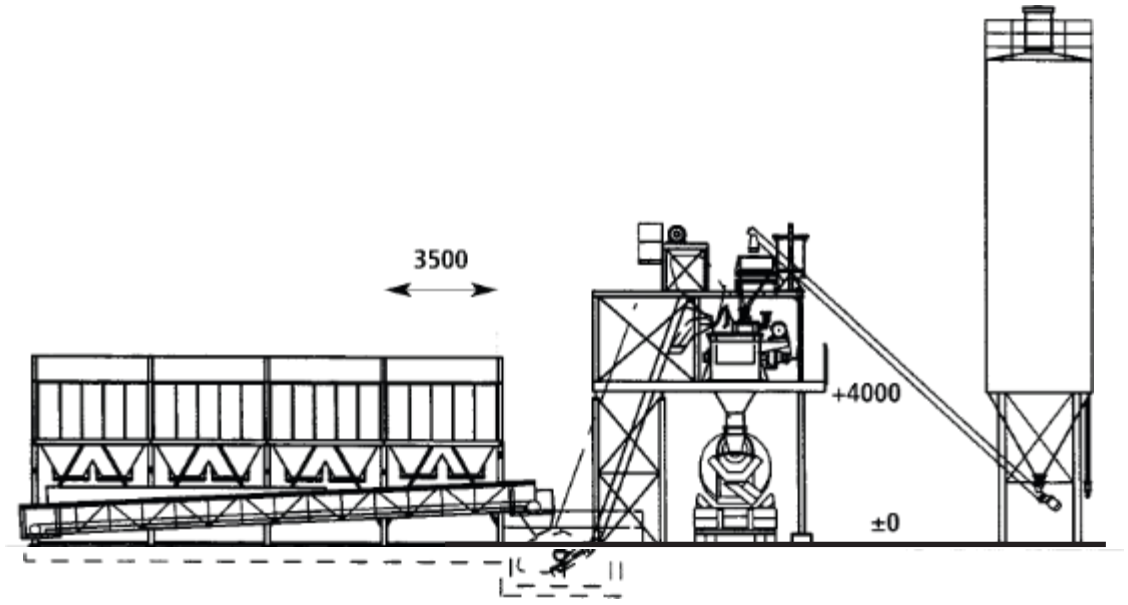
THZ 1500 / 1875 / 2250 / 3000 - S4

THZ Dimension (cm)	1750	1500	1875	2250	3000
A	10200	14200	14200	16100	17500
B	2730	4350	4350	5050	5400
C	1520	1800	1800	1800	1800
D	6600	6950	6950	7400	7450
E	4000	4000	4000	4000	4000

*These output figures apply for continuous and refer to average quality concrete, round aggregates 0 - 32mm, mixing time of 30 secs, during fully automatic operation. Electrical connected loads: 400 volts, 50 cycles. Special voltages and frequencies on request. We reserve the right to make technical alterations.

TRANSMIX TDZ	750 - S4	1500 - S4	1875 - S4	2250 - S4	3000 - S4
Output Compacted Concrete Theoretical (approx. m^3/h):	30	50	55	70	80
Bulk Head, Number of Aggregate Boxes:	4	4	4	4	4
Filling Quantity Mixer (kg):	1200	2400	3000	3600	4800
Drive Power Mixer:	22	37	45	55	75
Drive Power Skip:	7.5	18 / 18	18 / 18	22 / 20	30 / 28
Speed of Feeder Skip Up/Down (m/sec):	0.40 / 0.40	0.40 / 0.80	0.40 / 0.80	0.40 / 0.80	0.40 / 0.80
Aggregate Weigh Batcher, Max. Capacity (kg):	1500	2500	3000	4000	5000
Cement Weigh Batcher, Max. Capacity (kg):	250	500	600	800	1000
Cement Screw Conveyors Output:	18	32	32	52	52
Water Weighting Batcher, Maximum Capacity (kg):	-	250	300	400	500
Water Connection (DN):	40	40	40	50	50
Compressor Capacity, Maximum Volume (litres/min):	260	260	260	515	515
Air Vessel Capacity (litres):	150	270	270	500	500
Drive Power Air Compressor (kW):	2.2	2.2	2.2	4.0	4.0

TRANSMIX Aggregate In-Line Silo System TDZ



TDZ 1500 / 3000 - R4

*These output figures apply for continuous and refer to average quality concrete, round aggregates 0 - 32mm, mixing time of 30 secs, during fully automatic operation. Electrical connected loads: 400 volts, 50 cycles. Special voltages and frequencies on request. We reserve the right to make technical alterations.

TRANSMIX TDZ	1500 - R4	3000 - R4
Output Compacted Concrete Theoretical (approx. m3/h):	50	80
Filling Quantity Mixer (kg):	2400	4800
Drive Power Mixer:	37	75
Drive Power Skip:	18 / 18	30 / 28
Speed of Feeder Skip Up/Down (m/sec):	0.40 / 0.80	0.40 / 0.80
Weigh Belt, Max. Capacity (kg):	2500	5000
Cement Weigh Batcher, Max. Capacity (kg):	500	1000
Cement Screw Conveyors Output:	32	52
Water Weighting Batcher, Maximum Capacity (kg):	300	500
Water Connection (DN):	40	50
Compressor Capacity, Maximum Volume (litres/min):	260	515
Air Vessel Capacity (litres):	270	500
Drive Power Air Compressor (kW):	2.2	4.0

THZ Turbine Pan

TEKA THZ Turbine Pan Mixers are for batching operations, and available in sizes ranging from 250 - 6000 litres filling capacity, yielding output capacities from 0.15m^3 to 4.6m^3.

THZ Mixer Advantages

- Intensive, efficient mixing and homogenization of batch materials in the shortest possible time.
- High output at consistent product quality, even for the most diverse mix designs.
- Low mixer height design with high operational safety.
- Long life expectancy, with low investment and operational cost.

THZ Mixer Arm Design

Various angles-of-attack and geometry of the mixing arms and paddles maximize the mix-effect while reducing wear, and concrete build-up.

The spring-loaded mixing arms are mounted in the rotor housing, allowing adjustments to provide shock absorption, compensating and minimizing wear between mixing paddles and floor wear plates. A central lubrication system can be installed to effectively and efficiently lubricate the various mixing arm bushings.

THZ Mixer Design Features

- Low overall height
- Easy access to areas inside of mixer
- Multiple discharge gate are possible
- Robust, space-saving drive system

THZ Forced Pan-Mixer	250	375	500	750	1125	1125G	1500	1500G	1875	2250	3000	3750	4500	5250	6000
Filling Quantity Mixer (litres):	250	375	500	750	1125	1125	1500	1500	1875	2250	3000	3750	4500	5250	6000
Filling Quantity Mixer (loose aggregate) (kg):	400	600	800	1200	1800	1800	2400	2400	3000	3600	4800	6000	7200	8400	9600
Compacted Concrete Output Per Cycle (m^3):	0.15	0.25	0.33	0.5	0.75	0.75	1	1	1.25	1.5	2	2.5	3	3.5	4
Drive Power Mixer (kW):	7.5	11	15	22	30	37	37	37	45	55	75	90	110	132	160
Rotor Speed (RPM):	35	37	30.5	29	29	20	20	20	20	18.5	18.5	18.5	18.5	18.5	18
Mixer Weight (kg):	900	1500	1900	2500	3500	4200	4200	4600	4600	6500	8600	9500	10300	11600	15000
Filling Capacity of Skip Hoist Bucket at 60° (kg):	375	550	750	1100	1650	1650	2200	2200	2700	3250	4300	5400	6450	-	-
Multi-layer Drum (kW):	2.2	3	4	5.5	-	-	-	-	-	-	-	-	-	-	-
Single-layer Drum (kW):	-	-	5.5	7.5	11	15	15	15	16.5	20.5	20.5	30	37	-	-
Speed of Skip Hoist Bucket (m/sec):	0.33	0.33	0.33	0.4	0.4	0.4	0.4	0.4	0.36	0.4	0.36	0.36	0.34	-	-
Weight of Bucket (kg):	360	550	800	1000	1700	1700	2000	2100	2200	3000	3000	5100	5100	-	-

THZ Mixer Options & Accessories

Depending on batch plant design and building dimensions, customers can benefit from incorporating Skip Hoists to charge the mixer. TEKA offers tilting skip hoists, as well as the non-tilting, bottom discharge type.

Standard inclination of the skip hoist track is 60º, but inclinations up to 90º possible.

In order to protect plant workers from the open/close movements, a Discharge Gate Guard can be installed depending on the design of the mixer platform. A Sample Gate for batch material is also available for installation.

Skip Hoist

Discharge Gate

Sample Gate

Bag Breaker with Telescopic Leg

THZ Mixer Paddles & Wall Scrapers

Mixing Paddles and Wall Scrapers are available in various materials, allowing customers to choose the type that best suits their applications.

Rubber

Steel Casting

Polyurethane

Tungsten Carbide

Inner Wall Scraper

Outer Wall Scraper

TPZ Planetary Counter-Current Mixer

TEKA TPZ Planetary Counter-Current Mixer are for batching operations, and available in sizes ranging from 250 - 4500 litres filling capacity, yielding output capacities from 0.15m^3 to 3.05m^3.

TPZ Mixer Advantages

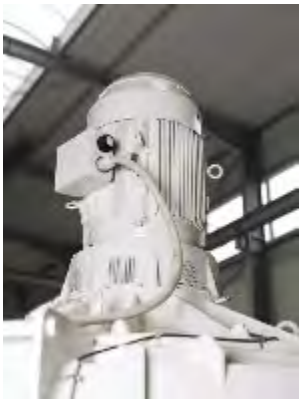
- Maximum mixing action at the centre of the mixer provided by the mixing stars.
- Perfect mixing of difficult or high demanding concrete mixers.
- Intensive, efficient mixing and homogenization of batch materials in the shortest possible time.
- High output, at consistent product quality, even for the most diverse mix designs.
- Hydraulic Turbo Coupling on TPZ 1500 and larger standard equipment.

TPZ Mixing Arm Design & Rotation

TPZ Mixers have mixing stars that rotate in the opposite direction of the main rotation. This generate a true counter-current flow of the batch materials, resulting in a more aggressive mixing action, shorter cycle times, and therefore less water.

TPZ Mixer Design Features

- Low overall height due to externally mounted discharge gate assembly.
- Easy access to areas inside the mixer.
- Robust and compact design of drive system, with only one high-efficiency drive motor.



TPZ Planetary Mixer	250	375	500	750	1125	1500	1875	2250	3000	3750	4500
Max. Filling Capacity (kg):	400	600	800	1200	1800	2400	3000	3600	400	4800	6000
Output Capacity (m^3):	0.17	0.25	0.33	0.5	0.75	1	1.25	1.5	2	2.5	3
Electric Motor for Mixer (kW):	7.5	15	15	30	30	37	45	55	75	90	110
Electric Motor for Hydr. Unit (kW):	0.55	1.1	1.1	3	3	4	4	4	4	4	4
Mixing Star:	1	1	1	1	1	2	2	2	3	3	3
Mixing Paddle per Mixing Star:	2	3	3	3	3	3	3	3	3 / 2	3 / 2	3 / 2
Wall Scraper / Discharge Paddle:	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1	1 / 2	1 / 2	1 / 2
Main Rotation Speed (RPM):	19	17	17	15	15	14	14	14	11	11	11
Mixing Stars Speed (RPM):	47	44	44	42	40	36	36	36	31	31	31
Mixer Diameter (mm):	1220	1712	1712	2226	2226	2920	2920	3040	3040	3410	3410
Mixer Height (mm):	1620	2050	2100	2110	2240	2600	2660	2850	3100	3400	3500
Mixer Weight (kg):	1300	2500	2800	3400	3700	5000	5300	7400	9800	11300	11500
Electric Motor for Skip Hoist (kW):	3	3	5.5	9.2	11	18.5	18.5	22	30	-	-
Filling Capacity of Skip Hoist Bucket at 60º (kg):	400	550	750	1100	1650	2200	2700	3250	4300	5400	6450
Skip Hoist Bucket's Speed (m/s):	0.33	0.33	0.33	0.4	0.4	0.4	0.4	0.4	0.36	0.36	0.33
Bucket Weight (kg):	360	550	800	1000	1700	2100	2200	3000	4000	-	-

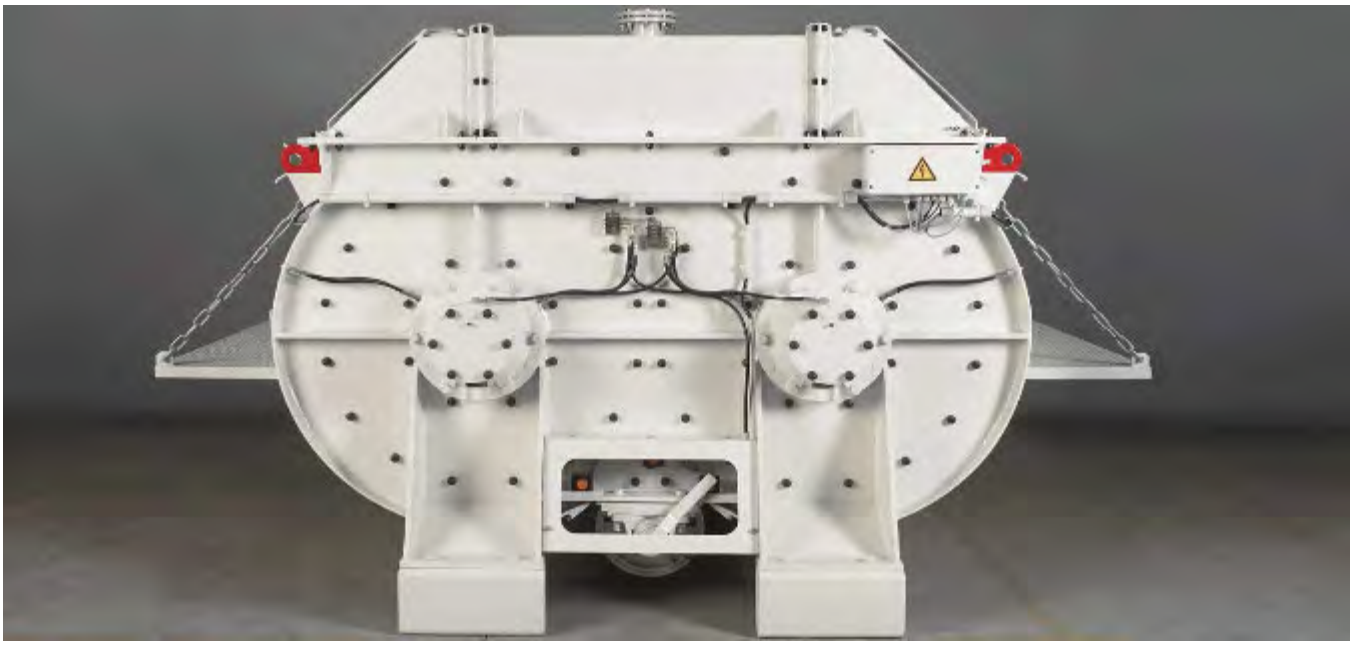
TDZ Twin-Shaft Mixer

TEKA TDZ Twin-Shaft Mixers are ideally suited for ready-mix concrete production. The mixer trough is compact, with a large horizontal discharge gate and two counter-rotating mixing shafts.

Mixer sizes range from 1500 - 4500 litres filling capacity, yielding output capacities from 1m^3 to 3.05m^3.

TDZ Mixer Advantages

- Intensive, efficient mixing and homogenization of batch materials in the shortest possible time.
- Uniform distribution of fine and coarse aggregates.
- Long life expectancy, with low investment and operational costs.
- High quality seals for the trough side walls can be changed without disassembly of drive system.
- Large Access Doors in mixer hood for easy cleaning.
- Platforms on both sides make cleaning & maintenance work easier.
- Protective overall cover to ensure mixer chamber is largely dust-proof.



TDZ Mixer Design Features

The Mixing Arms are wear-resistant steel castings and mounted on the twin shafts with special round hubs. These minimize concrete build-up for quicker cleaning and ease of maintenance.

Mixing Paddles are made of special hardened chrome-nickel castings and are easy to replace.

TDZ Mixer throughs are line with replaceable Chill-Cast Tiles for exceptional wear life.

The twin mixing shafts have roller bearings and seals on both ends. The seals can easily be replaced, without having to remove any components of the drive line.

TDZ Mixer Discharge Gate

The Discharge Gate runs the entire length of the mixer trough and is operated by a hydraulic piston cylinder. By using adjustable proximity switches, the gate can be opened to any degree required.

TDZ Mixers are equipped with a separate hydraulic power unit to operate the discharge gate.

The unit also has a manual pump with which the gate can be opened, should a plant power outage occur.

TDZ Mixer Drive Line

The TDZ 1500, 1875, and 2250 models use one electric drive motor, while the TDZ 3000, 3750, and 4500 models are driven by two motors. Each motor has thermal overload protection.

Replaceable V-Belts connect the drive motors to the two gearboxes, which are synchronized and coupled by a drive shaft.

TDZ Twin-Shaft Mixer	1500	1875	2250	3000	3750	4500
Max. Filling Capacity (kg):	2400	3000	3600	4800	6000	7200
Output Capacity (m^3):	1	1.25	1.5	2	2.5	3
No. of Electric Motor:	1	1	1	2	2	2
Electric Motor for Mixer (kW):	37	45	55	2 x 37	2 x 45	2 x 55
Mixer Weight (kg):	5800	5800	6500	7600	8600	8600
Skip Hoist Filling Capacity (kg):	2100	2700	3200	4300	5400	6400
Required Water Pressure (PSI):	60 - 90	60 - 90	60 - 90	60 - 90	60 - 90	60 - 90

TDZ Mixer Optional Equipment

- Skip Hoists (tilting or bottom-discharge)
- Water Wash-out System
- Air Bag for Dust Control

THZ Glass Batch Preparation Mixer

Being one of the leading manufacturers for the glass manufacturing industry, TEKA has over hundreds of glass batch mixers successfully in operation worldwide with the most reputable glass manufacturing companies.

For the Most Diverse Applications and Highest Demands for the Production of Quality Glass

- Intensive mixing minimises “balling”
- Shorter mixing and discharge time
- The spring-loaded mixing arms are mounted in the rotor head, and are
- adjustable to compensate for wear. Various angles-of-attack enhance the mix-effect, reduce wear, and protect
- the drive from shock. Fewer mixer arms, lower running build-up.

Kibing Group, Malaysia
Glass Fabrication Factory

TEKA THZ Glass Batch Mixers offer mixing possibilities such as:

- Steam-injection through rotating lances.
- Mixer doubling as weigh-bin when mounted on load cells.
- A protective cover encloses the mixer on top. A built-in seal makes it almost dustproof.
- Large, hinged segments with variable positioning are possible, raised and lowered by a manual or motorized cable winch.
- New rectangular flat blades for precise blending.
- Hydraulic turbo-coupling for soft starts under load.

REED has been building concrete-placing equipment throughout the world since 1957. It gained national reputation due to its involvement in the construction of two landmarks in United States - the Golden Gate Bridge and the Hoover Dam.

REED can truck, track or skid-mounted any concrete pump too

Apart from the standard configuration, depending on the intended applications, you can choose between tracked chassis, truck-mounted or skid-mounted.

Trailer-Mounted

Tracked Chassis

Skid-Mounted

Truck-Mounted

A Series

The RockMaster Series offers the perfect combination of engine power, concrete pressure, pumping power & reliability - All at an economical & reasonable price.
Endless application with its variable concrete output.

	A30HP	A40HP
Maximum Delivery Volume (m^3/h):	23	31
Maximum Pressure (bars):	62	81
Drive (kW):	61	61
Delivery Cylinder (mm):	127	152
Piston Stroke (mm):	762	762
Weight (kg):	2087	2157
Dimension LxWxH (mm):	4064 x 1549 x 1626	

B Series

Offers more engine power, concrete pressure & pumping distance.
With higher specifications, the B Series runs at a lower RPM & provides a higher concrete output which results in increased efficiency.

	B20HP	B50HP	B60	B70
Maximum Delivery Volume (m^3/h):	15	38	46	54
Maximum Pressure (bars):	145	94	81	69
Drive (kW):	82	97	82	97
Delivery Cylinder (mm):	102	152	152	178
Piston Stroke (mm):	914	914	914	914
Weight (kg):	2718	2991	3063	3173
Dimension LxWxH (mm):	4318 x 1879 x 2108			

C Series

Strongest, fastest and the biggest in the class. Superior engineering, premium technology, top quality components and pride in workmanship make the C series pumps the most reliable pumps on the market.

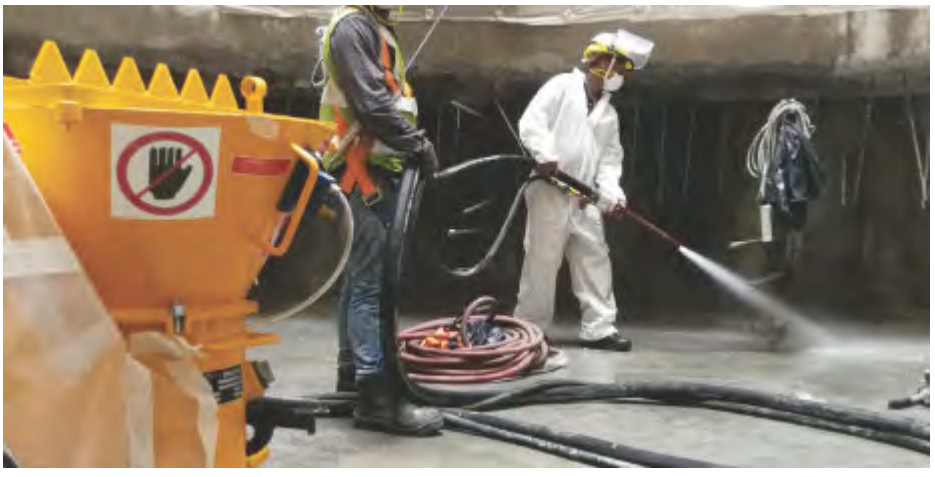
	C50S	C50SS	C70S	C70SS	C90S		C100
					H.V.	H.P.	
Maximum Delivery Volume (m³/h):	38	41	54	56	69	56	81
Maximum Pressure (bars):	114	138	78	102	62	102	98
Drive (kW):	119	164	119	164	164	164	193
Delivery Cylinder (mm):	152	152	175	175	175	175	203
Piston Stroke (mm):	1067	1067	1067	1067	1067	1067	1067
Weight (kg):	3755	3755	3909	3909	3977	3977	4436
Dimension LxWxH (mm):	4674 x 1803 x 2108						

MINE 30

Extremely compact size makes it ideal for underground applications or any applications with limited space. The Mine 30 can be powered by an electric, diesel, or air motor.

	MINE 30
Maximum Delivery Volume (m³/h):	23
Maximum Pressure (bars):	81
Drive (kW):	37
Delivery Cylinder (mm):	152
Piston Stroke (mm):	495
Weight (kg):	2110
Dimension LxWxH (mm):	2438 x 1640 x 1181

Project Reference



SOVA Guncrete Gunite Machine

Provides a steady flow of material which allows uniform hydration and very smooth placement. The adjustable output of material can be increased without sacrificing the quality of the application. The compact SOVA is capable of spraying through hoses from 1” to 1½” (25mm to 38mm) diameter.

	SOVA			
Feed Bowl Pockets:	18	18	16	16
Hose Size (inch):	1 (25mm)	1¼ (32mm)	1¼ (32mm)	1½ (38mm)
Max. Aggregate Size (mm):	7	7	7	10
Air Compressor (CFM)*:	210	315 - 375	315 - 375	315 - 375
Max. Output (m^3/h):	1.5	3	4.6	6.9
Common Applications	Rockscaping, patch repair	Refractory spraying, repair work, smooth finish		
Dimension LxWxH (mm):	762 x 787 x 787			

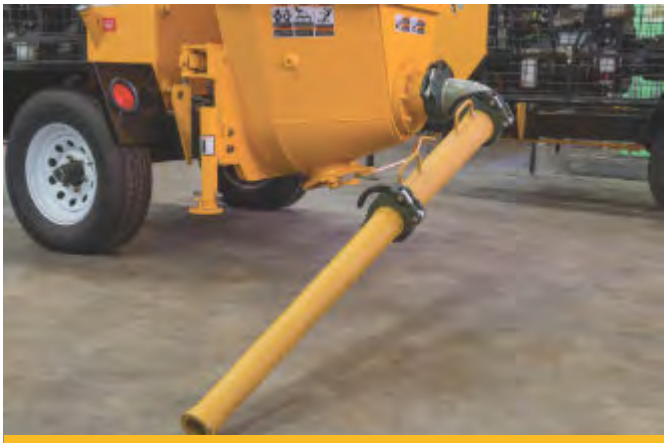
*Recommended size at 100 PSI

Water Booster Pump

Complete your SOVA pump with REED Water Booster Pump. The air-driven water pump provides your job with ample water pressure tapping onto the air supply for the SOVA pump.

	Water Booster Pump
Pump:	Positive Gear, Displacement Flow
Drive:	Air Driven
Max . Discharge Pressure (bar):	7
Max. Suction Lift (m):	6
Pipe Size (inch):	¾
Weight (kg):	30

General Accessories



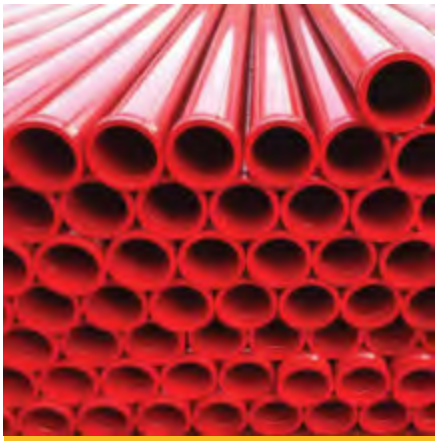
5”- 2” Steel Pipe Reducer Configuration

5”- 4” Steel Pipe Reducer Elbow

2”/ 3” Steel Reinforced Hose

5” DN125 Concrete End Hose (Single/Double Head)

Steel Elbow 90/45 Deg (R1000/500/275)



5” DN125 Steel Pipe

2”- 5” Couplings & Gasket

1”- 2.5” Shotcrete Nozzle

1”- 6” Sponge Ball

SOVA Accessories

1.5” Gunite Nozzle
& Nozzle Tip

1.5” Gunite Hose

Goose Neck Liner &
Riser Plate

16/18 Pocket Feed Bowl

Rubber Pad

Felt Seal

Providing economical & realistic solutions since 1997. MortarMaster provides quality machineries to improve the productivity at job sites; Reduce the reliance of labour & eliminate the requirement of sophisticated lifting equipment. It became a reputable brand with its heavy involvement in Singapore's Mass Rapid Transport (MRT) & Civil Building projects.

Always Expanding & Improving

With the development of more complicated construction methods, existing equipment are constantly upgraded & new equipment are introduced to tackle these challenges. MortarMaster never stops.

Thomson Line MRT Project
Singapore

D'nest Condominium
Singapore

Hilsta
Singapore

VSE500 Sand/Screed Pump

Ideal when access to worksite is difficult. Built in mixer ensures well mixing of materials before conveying the materials to its intended destination.

Materials includes dry/wet sand, prepacked screed, site-mix with aggregates size less than 10mm, chipping concrete & mortar.

Technical Specifications			
Electrical Motor:	18.5 kW	**Conveying Capacity (m^3/hour):**	3 - 6
Conveying Distance (m):	200	**Vessel Volume (L):**	500
Conveying Height (m):	150	**Maximum Grain Size (mm):**	10
Compressor Volume (CFM):	185 - 375	**Dimension (LxWxH) (mm):**	2600 x 1300 x 1250
Compressor Pressure (bar):	7 (100 PSI)	**Weight (kg):**	1125

CM40V

Electrical driven high quality conveying pump. Flow rate variation allows the CM40V to handle various jobs such as grouting & spray applications. Simple to operate and easy maintenance.

Technical Specifications			
Electrical Motor:	4.0 kW, 400V, 50Hz	**Conveying Capacity (L/min):**	10 - 45
Hopper Capacity (L):	40	**Maximum Grain Size (mm):**	6
Screw Type:	2L6	**Dimension (LxWxH) (mm):**	1350 x 500 x 730
Maximum Delivery Distance (m):	40	**Weight (kg):**	140
Maximum Pressure (bars):	20		

MS100

Perfect for prepacked plasters, mortars and fireproofing vermiculite mix. Assurance of perfect processing with a reliable system consisting of feed wheel, continual precise water dosing, screw pump and air compressor that guarantee stable quality of mix and spray application.

Technical Specifications			
Screw Type:	D4	**Length (mm):**	965
Hopper Capacity (L):	150	**Height (mm):**	1540
Maximum Grain Size (mm):	4	**Width (mm):**	731
Maximum Delivery Distance (m):	35	**Weight (kg):**	268
Output (m^3/hour):	1.2	**Electric motor:**	5.5 kW, 400V, 50Hz

Forced Action Pan Mixer

Provides homogeneous on-site mixing for concrete and mortar mixtures. Discharge height can be customised and fitted with wheels for mobility. MortarMaster pan mixers comes in 80, 100, 120, 200 and 300 litres. More sizes available upon request.

Technical Specification					
Model	80L	100L	120L	200L	300L
Electric Motor (kW):	240/110	240/110	240/110	400/110	400
Adjustable Height (cm):	109-127	109-127	117-127	128-138	120-140
Drum Width/Depth (cm):	60/75	68/80	72/95	89/104	100/120
Weight (kg):	88	98	105	175	281

ChemGrout
Widest Selection of Grouting Equipment in the World

ACME

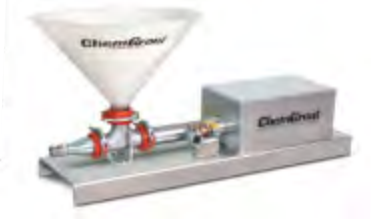
Chemgrout equipment is engineered to be user-friendly and trouble-free. Every Chemgrout system incorporates all the technological advances you need to deliver maximum efficiency even in the most difficult job environment - without ever compromising ease of operation or maintenance.

Combines ease of operation and low maintenance to provide the ultimate performance

- Customisable mixing tank, holding hopper and centrally located controls allow a single operator to mix, transfer and pump for continuous production.
- Efficiently mixes and pumps most prepacked non-shrink grouts and repair mortars.
- Materials include bentonites, cement/sand and most slurry products
- Power options include air, electric/hydraulic, diesel/hydraulic and petrol/hydraulic.
- Pump completely disassembles with minimal tools for fast and thorough cleaning.

MINI Series

CG050M



CG050

CG550P

ChemGrout
Widest Selection of Grouting Equipment in the World

ACME

PADDLE-MIX Series

ChemGrout paddle mixers are equipped with a vertical shaft and feature specially designed blades and baffles to develop a high shear mixing action, insuring a rapid and thorough mix. The paddle rotates at speeds up to 200 RPM. The tank bottoms are sloped toward the outlet slide valve so the thickest materials fall easily into the pump hopper. Each mixer is equipped with baffles, bag breakers, covers and variable speed high-efficiency paddles that provide a rapid mixing cycle.

RUGGED Series

CG550/030

WORKHORSE Series

CG550/C4

THICK-MIX Series

CG570/C6

THIN-MIX Series

CG550/L4

VERSATILE Series

CG500/C6

GEOTECH Series

CG500/031/GT

HIGH PRESSURE Series

CG500HP

ChemGrout
Widest Selection of Grouting Equipment in the World

ACME

COLLOIDAL Series

Water and solid materials are drawn through the high speeds of up to 2000 RPM to prevent flocculation and achieve complete particle wetness. Mixing time is significantly reduced by the high shear action of the colloidal mixing pump, aided by a unique powered bridge breaker device which enhances flow rates through the pump. These high shear colloidal mixers have been shown to increase apparent fluidity of slurry mixes by 20% over paddle mixers, an important advantage for dam, rock and soil grouting where the ability to penetrate tight formations is necessary.

CG600

CG680
High Capacity

CG680/3.5x8
High Pressure

How to Select a ChemGrout Grouting System

Identify your application and determine the materials required.

Determine the maximum flow rate (LPM) and grouting discharge pressure (bar) needed for your application.

Select a grout pump based on flow rate and pressure requirement.

050 Piston Pump 2”	= 19lpm, 16bar
030 Piston Pump 3”	= 61lpm, 28bar
C4 Progressive Cavity Pump	= 30lpm, 12/18bar
C6 Progressive Cavity Pump	= 76lpm, 12/18bar
Plunger Pump	= 38-76lpm, 69/110/138bar

Select a power system.

A	= Air
H	= Hydraulic
EH	= Electric/Hydraulic
DH	= Diesel/Hydraulic
GH	= Petrol(Gas)/Hydraulic

Select a mixing system.

Paddle Mixer = CG5xx
Colloidal Mixer = CG6xx

Finalise the grout system.

example:
CG500/2C6/DH

Paddle Mix + 2 Stage C6 Progressive Cavity Pump + Diesel/Hydraulic Power System

Accessories

Heavy Duty
Grout Hose

Fill Rite
Water Meter

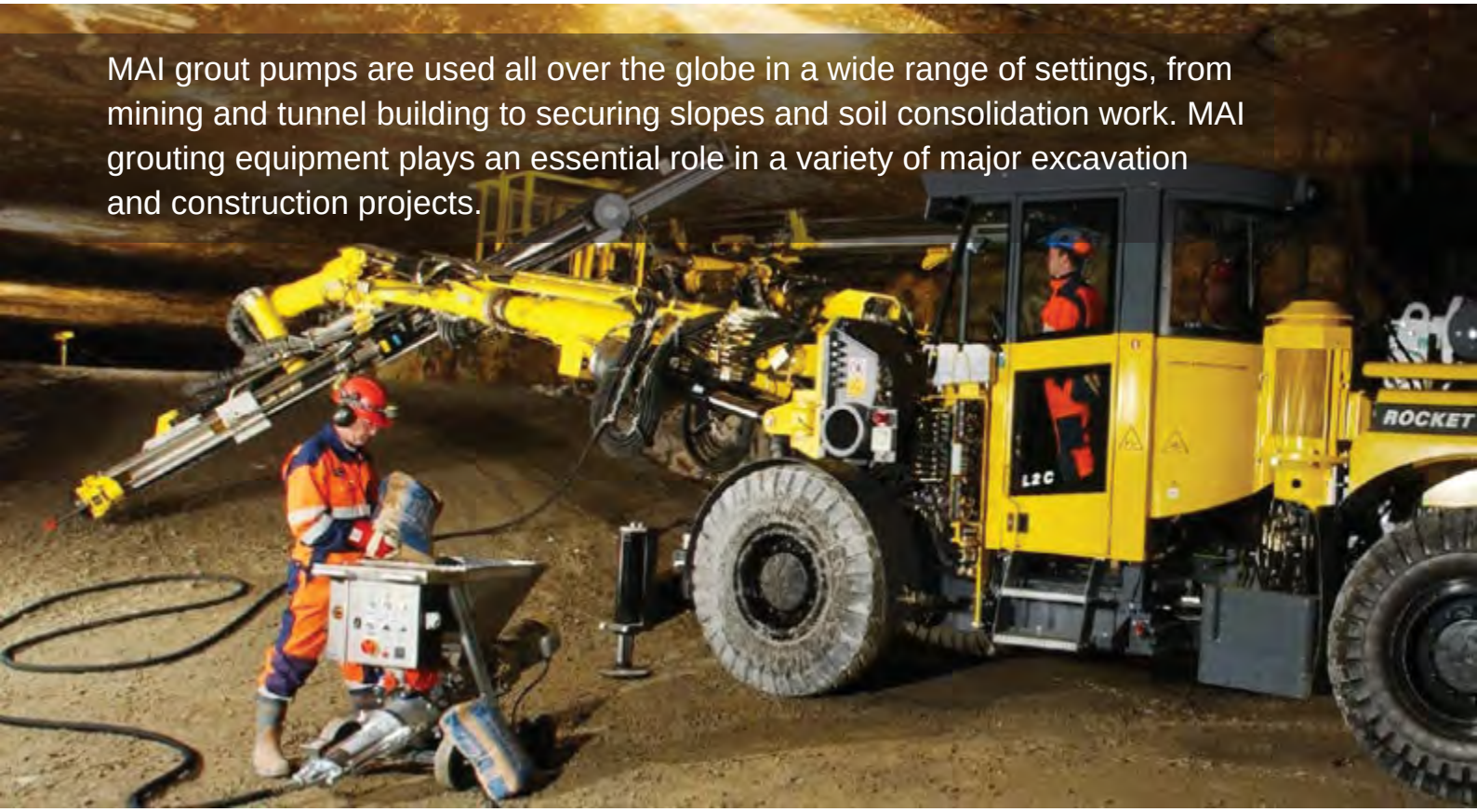
Protected
Pressure Gauge

Water
Batcher

Mechanical
Surface Packer

Inflatable
Packers

Project Reference



MAI grout pumps are used all over the globe in a wide range of settings, from mining and tunnel building to securing slopes and soil consolidation work. MAI grouting equipment plays an essential role in a variety of major excavation and construction projects.

Professional and user friendly grouting equipment for every job site

The development of modern grouting injection technologies has revolutionised the realisation of engineering projects around the world. From major construction work to structural strengthening and concrete repair, MAI grouting technology leads the way.

Spraying

Precast Grouting

Chemical Grouting

Grouting Pump

	2Pump Pictor	2Pump Taurus Business
Power	230V/1/N/PE/50Hz	400V/3/PE/50Hz
Max Pressure (bar)	15	40
Output (litre/min)	2.5 - 15.0	5 - 100
Max. Aggregate (mm)	3	8
Dimension LxHxW (mm)	750 x 340 x 430	1300 x 800 x 760
Weight (kg)	33	170

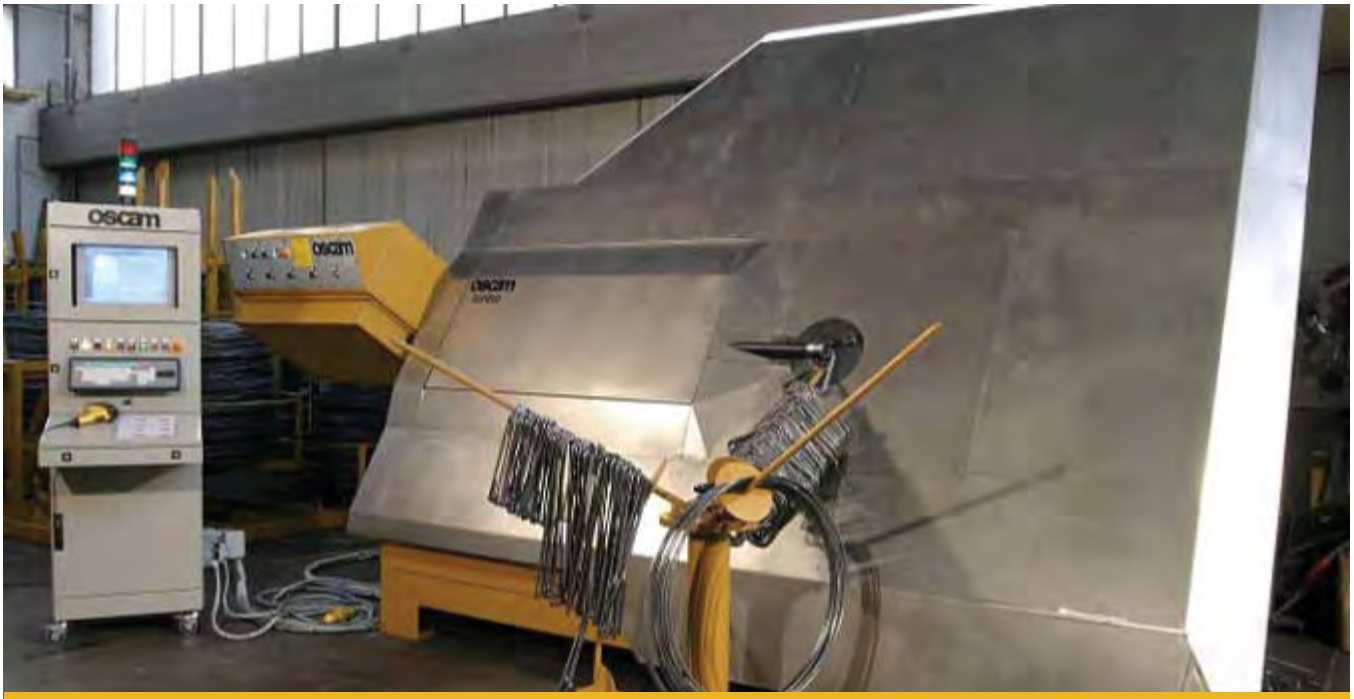
MAI 400NT

The MAI®400NT needs little introduction for those in the construction and ground engineering industries. This grout pump features proven technology for a long service life, whatever conditions you throw at it.

It provides constant mixture proportions for grouting and backfilling applications, thereby ensuring the right kind of processing and perfect results every time.

	MAI 400NT
Power:	400V/3/PE/N/50Hz *
Nominal Capacity (kW):	6.2
Fuse Protection (A):	25
Feed Rate (l/min):	10 - 35 **
Filling Height (mm):	960
Dimension LxHxW (mm)	1730 x 570 x 960
Weight (kg)	213

*Other voltage options available
**Depending on rotor & stator configuration



Stirrup Machines · Multibend

Mesh Cutting Machine

Mesh Bending Machine

Full-Span Segment Launcher

Span by Span Segmental Launching Gantry

Beam Launcher

Customized Gantry Crane

Rubber-Tyre Gantry Crane (RTG)

Derrick Crane

Tower Crane

Mobile Trolley

Modular Transporter

New / Used Equipment

At Acme Equipment, we are able to supply brand new and used “as is” or “fully refurbished” concrete and construction equipment.

Stationary Concrete Pump

Heavy Duty Dump Trucks

Crawler Cranes

Bulldozers

Low Bed Trailer

Dump Truck

Skid Loaders

Rebar Cutter

New / Used Equipment

Truck Chassis


Gantry Cranes

Generator Sets


Truck Mixers


Tug Boats


Wheel Loaders


Generator with Flood Lights


Silent Piling Machine

New / Used Equipment

Flat Top Barge

Bending Machines for Pipes

Scissor Lifts

Lorry Cranes

Truck Mounted Concrete Pumps

Mini Hydraulic Elevators

Compactors

Forklifts

New / Used Equipment


Batching Plant

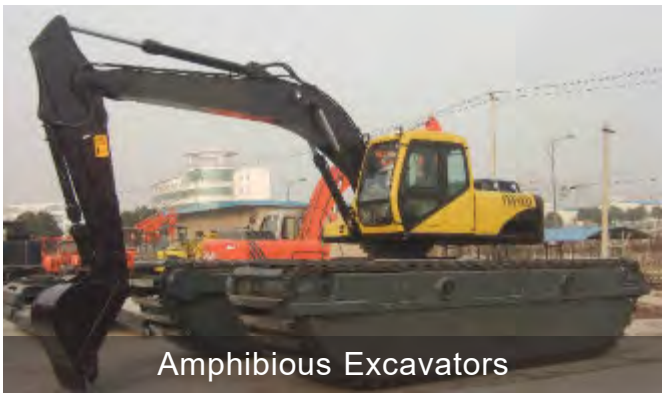

Truck for Drain Works


Prime Movers


Excavators


Sand/Screed Pumps


Motor Graders


Amphibious Excavators


Rough Terrain Cranes

New / Used Equipment

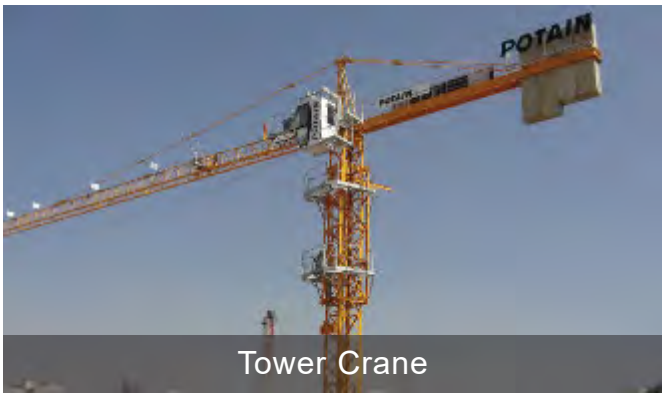

Hydraulic Piling Hammer


Hydraulic Vibrating Hammer


Micro Boring Machines


Boom Lifts


Diesel Engines



Tower Crane

Grout Mixer & Pump


Construction Machinery

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