

BHAI
KWIK MIX

KYC
JAPAN

BHAI
PUMPCRETE

The name you trust...

Profile

- 1 Pioneer in construction sector
- 2 BHAI family was involved in construction of the India-Burma road in 1940s
- 3 The family entered Construction Equipment Manufacturing business in 1958
- 4 State-of-the-art manufacturing facility with R&D Centre
- 5 Manufactures Concrete Mixers, Batching plants & Silos
- 6 Follows globally approved QMS (Quality Management System)
- 7 Technical tie-up with KYC, Japan to manufacture twin shaft mixer
- 8 Number of employees: Over 150



What we stand for



Our products are known for

Higher **Durability**

Better **Efficiency**

Best **Quality**

Easy **Maintenance**

Quick **Operations**

Great **Value for money**

Salient BHAJ Features

01 Experience of over five decade

02 Designed for higher productivity

03 Best trained technicians and service staff

04 Average tenure of staff: **7+ years**

05 Innovations at every level

06 State-of-the-art factory

Technical Collaboration KYC Japan

1. Established in 1950, KYC Machine Industry Co. Ltd., Japan is pioneer in technology driven construction equipment manufacturing business
2. KYC Japan has been manufacturing concrete batching plants with twin shaft mixer for the last forty years. KYC manufactures batching plants up to the range of 600 CuM/Hr and Twin Shaft Mixer till 6 CuM/Batch. They have sold more than 4000 mixers till date and are the largest manufacturer of plants and mixers in Japan because of their high quality and durability of the products.
3. KYC Machine Industry Co. Ltd. introduced the world's first twin-shaft forced-mixing type mixer
4. BHAI Pumpcrete (P) Ltd., India has entered into a technical collaboration with KYC Machine Industry Co. Ltd., Japan to manufacture twin shaft mixer in India



KYC Nishiwaki factory



KYC Tokyo branch



Products of KYC Japan

Batching Plant



Conveyor



Scaffold



BHAI KYC Twin Shaft Mixer

Technical Specification

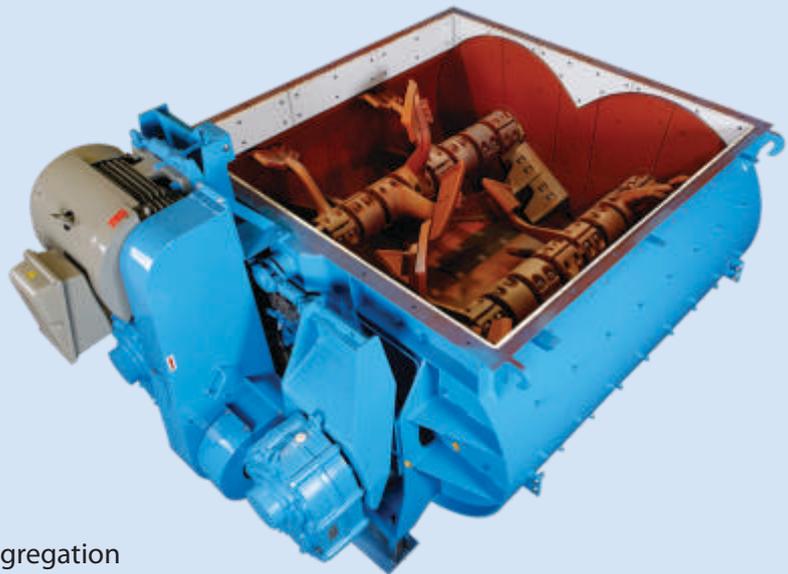
Description	BHAI KYC 500 DFZ	BHAI KYC 1250 EFZ
Capacity, CuM	0.5	1.25
Motor Capacity (KW)	15 x 1	37.5 x 1
Max aggregate size, mm	63	80/120*

*With special arm design



Salient Features

- Unique whirl-flow technology
- Low maintenance
- Low pinching blades
- Low vibration
- Leading compulsory mixer
- Zero slump concrete to high slump
- High strength & high flow concrete
- Outstanding kneading performance
- Mixes large aggregate size without segregation
- Shortest mixing times



Quality and Reliability with High Performance

KYC Machine Industry Co., Ltd.

Compact Concrete Batching Plant



Compact 30 M³/Hr Twin Shaft Mixer
Concrete Batching Plant with Transit
Mixer Loading Capability



Compact 30 M³/Hr Twin Shaft & Pan Mixer
Concrete Batching Plant with Pump
Loading Capability



Conveyor Feeding System



Plant Variants with following Mixers



Twin Shaft Mixer



Pan Mixer

Specification: Compact Plants

Plant Capacity	UNIT	CP 25 PAN PL	CP 30 PAN TML	CP 30 TS PL	CP 30 TS TML
Compacted Concrete	m ³ /hr.	25	30	30	30
Mixer Specification					
Type of Mixer		PAN	PAN	Twin Shaft	Twin Shaft
Mixer Capacity	m ³	0.375	0.5	0.5	0.5
Input / Output Capacity	Ltr.	565/375	750/500	750/500	750/500
Aggregate Bin & Conveyor					
No. of Compartment	No.	4	4	4	4
Capacity of Storage Hopper	m ³	12	20	20	20
Maximum Size of Aggregate	mm	40	40	60	60
Cement Screw Conveyor					
Diameter	mm	193	193	193	193
Length	Mtr	7	11	7	11
Control Panel		Fully Automatic	Fully Automatic	Fully Automatic	Fully Automatic
Discharge Height	Mtr	1.6	4	1.6	4
Weighing System		Electronic Digital	Electronic Digital	Electronic Digital	Electronic Digital
Aggregate Scale / Number of Load Cells	Kg	1100 x 4	1100 x 4	1100 x 4	1100 x 4
Cement, Water Scale / No. of Load Cells	Kg	450 x 4	450 x 4	450 x 4	450 x 4
Additive Scale / Number of Load Cells	Kg	50 x 1	50 x 1	50 x 1	50 x 1
Power					
Mixer Motor (Pan / Twin Shaft)	HP	20	25	20	20
Gate Power Pack Motor	HP	2	2	-	-
Aggregate Conveyor Motor	HP	15	15	10	12.5
Water Discharge Motor	HP	2	2	5	5
Additive Motor	HP	0.5	0.5	0.5	0.5
Cement Conveyor Motor	HP	10	10	10	10
Cement Vibrator Motor	HP	0.24	0.24	0.24	0.24
Sand Vibrator Motor	HP	0.36	0.36	0.36	0.36
Air Compressor Motor	HP	3	3	3	3
Total Connected Load	HP/Kw	53.10/39.60	58.10/43.32	49.10/36.61	51.60/38.48
Recommended GenSet	KVA	82	82	82	82

* BHAI Pumpcrete Pvt. Ltd. reserves the right to revise/update specification without prior notice

Mobile Concrete Batching Plant



Mobile 20 M³/Hr & 30 M³/Hr Reversible Drum Mixer Concrete Batching Plant with Pump Loading Capability



Mobile 30 M³/Hr Twin Shaft & Pan Mixer Concrete Batching Plant with Pump Loading Capability



Mobile Trailer Chassis 30 M³/Hr Twin Shaft Mixer Concrete Batching Plant with Pump Loading Capability



Plant Variants with following Mixers



Twin Shaft Mixer



Pan Mixer



Reversible Drum Mixer

Specification: Mobile Plants

Plant Capacity	UNIT	MB 20 RD PL	MB 30 RD PL	MB 25 PAN PL	MB 30 PAN PL	MBTC 30 TS PL
Compacted Concrete	m ³ /hr.	20	30	25	30	30
Mixer Specification						
Type of Mixer		Reversible Drum	Reversible Drum	PAN	PAN	Twin Shaft
Mixer Capacity	m ³	0.5	0.8	0.375	0.5	0.5
Input / Output Capacity	Ltr.	750/500	1200/800	565/375	750/500	750/500
Aggregate Bin						
No. of Compartment	No.	4	4	4	4	4
Capacity of Storage Hopper	m ³	9	20	12	20	20
Maximum Size of Aggregate	mm	150	150	40	40	60
Cement Screw Conveyor						
Diameter	mm	219	193	193	193	193
Length	Mtr	5.5	7	7	7	7
Control Panel		Fully Automatic				
Discharge Height	Mtr	1.6	1.6	1.6	1.6	1.6
Weighing System						
Aggregate Scale / Number of Load Cells	Kg	1100 x 4				
Cement, Water Scale / Number of Load Cells	Kg	450 x 4				
Additive Scale / Number of Load Cells	Kg	50 x 1				
Power						
Mixer Motor (Drum/Pan/Twin Shaft)	HP	10	15	20	25	20
Gate Power Pack Motor	HP	-	-	2	2	-
Aggregate Conveyor Motor	HP	10	15	15	15	10
Water Discharge Motor	HP	2	2	2	2	5
Additive Motor	HP	0.5	0.5	0.5	0.5	0.5
Cement Conveyor Motor	HP	7.5	10	10	10	10
Cement Vibrator Motor	HP	0.24	0.24	0.24	0.24	0.24
Sand Vibrator Motor	HP	0.36	0.36	0.36	0.36	0.36
Air Compressor Motor	HP	3	3	3	3	3
Total Connected Load	HP/Kw	30.60/20.06	46.10/34.38	53.10/39.60	58.10/43.33	49.10/36.61
Recommended GenSet	KVA	63	82	82	82	82

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Boom Scrapper Concrete Batching Plant



Stationery 30 M³/Hr Reversible Drum Mixer
Boom Scrapper Concrete Batching Plant at
Pit Level Feeding Skip and Transit Mixer
Loading Capability



Stationery 35 M³/Hr Reversible Drum Mixer
Boom Scrapper Concrete Batching Plant at
Ground Level Feeding Skip and Transit
Mixer Loading Capability



Stationery 30 M³/Hr Twin Shaft & Pan Mixer
Boom Scrapper Concrete Batching Plant at
Ground Level Feeding Skip and Transit
Mixer Loading Capability



Plant Variants with following Mixers



Twin Shaft Mixer



Pan Mixer



Reversible Drum Mixer

Specification: Boom Scrapper Plants

Plant Capacity	UNIT	ST 35 RD SC G	ST 30 RD SC G	ST 30 RD SC Pit	ST 30 PAN SC	ST 30 TS SC
Compacted Concrete	m ³ /hr.	35	30	30	30	30
Mixer Specification						
Type of Mixer		Reversible Drum	Reversible Drum	Reversible Drum	PAN	Twin Shaft
Mixer Capacity	m ³	1	1	1	0.5	0.5
Input / Output Capacity	Ltr.	1500/1000	1500/1000	1500/1000	750/500	750/500
Aggregate Bin						
No. of Compartment	No.	Star Bin				
Maximum Size of Aggregate	mm	150	150	150	150	60
Cement Screw Conveyor						
Diameter	mm	193	219	219	193	193
Length	Mtr	11	10	4	11	11
Control Panel		Fully Automatic				
Discharge Height	Mtr	4	4	4	4	4
Weighing System						
Aggregate Scale / Number of Load Cells	Kg	1100 x 4	1100 x 4	450 x 1	1100 x 2	1100 x 2
Cement, Water Scale / Number of Load Cells	Kg	450 x 4	450 x 4	450 x 2	450 x 4	450 x 4
Additive Scale / Number of Load Cells	Kg	50 x 1				
Power						
Mixer Motor (Drum/PAN/Twin Shaft)	HP	20	15	20	25	20
Gate Power Pack Motor	HP	-	-	-	3	-
Aggregate Skip Motor	HP	20	20	20	20	5.5 x 2
Aggregate Scrapper Motor	HP	10	10	10	10	10
Water Discharge Motor	HP	3	2	2	2	5
Additive Motor	HP	0.5	0.5	0.5	0.5	0.5
Cement Conveyor Motor	HP	10	10	5	10	10
Cement Vibrator Motor	HP	0.24	0.24	0.24	0.24	0.24
Sand Vibrator Motor	HP	0.36	0.36	0.36	0.36	0.36
Air Compressor Motor	HP	3	3	3	3	3
Total Connected Load	HP/Kw	67.10/50.04	61.10/45.56	61.10/45.56	74.10/55.26	60.10/44.82
Recommended GenSet	KVA	125	125	125	125	125

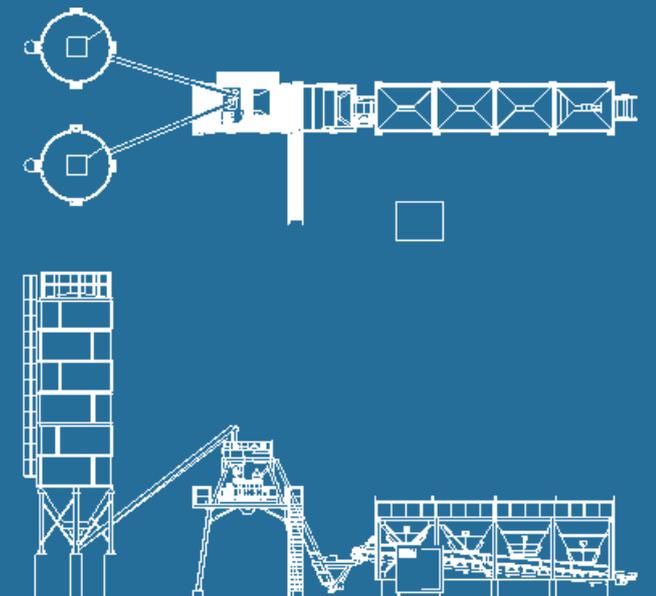
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Inline Bin Concrete Batching Plant

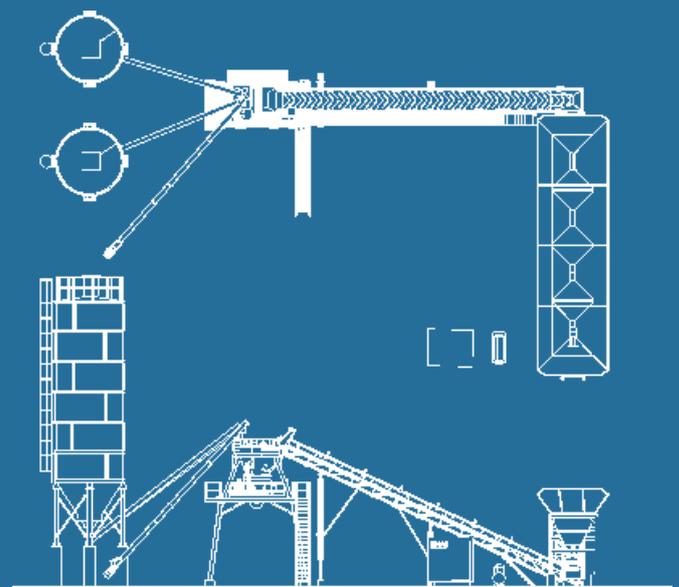


Stationery Twin Shaft Mixer Inline Bin Concrete Batching Plant with Inclined Conveyor Feeding System and Transit Mixer Loading Capability

INLINE BINS WITH SKIP :



INLINE BINS WITH INCLINED CONVEYOR :



Plant Variants with following Mixers



Twin Shaft Mixer



Pan Mixer



Reversible Drum Mixer

Specification: Inline Bin Plants

Plant Capacity	UNIT	ST 30 PAN IBCN	ST 30 TS IB CN	ST 60 TS IB CN
Compacted Concrete	m ³ /hr.	30	30	60
Mixer Specification				
Type of Mixer		Pan	Twin Shaft	Twin Shaft
Model		BHAI PAN 500	BHAI KYC 500 DFZ	BHAI KYC 1250 EFZ
Mixer Capacity	m ³	0.5	0.5	1.25
Input / Output Capacity	Ltr.	750/500	750/500	1875/1250
Aggregate Bin				
No. of Compartment	No.	4	4	4
Maximum Size of Aggregate	mm	40	60	80
Cement Screw Conveyor				
Diameter	mm	193	193	219
Length	Mtr	11	11	11
Control Panel		Fully Automatic	Fully Automatic	Fully Automatic
Discharge Height	Mtr	4	4	4
Weighing System				
Aggregate Scale / Number of Load Cells	Kg	1100 x 6	1100 x 6	1300 x 6
Cement, Water Scale / No. of Load Cells	Kg	450 x 4	450 x 4	450 x 4
Additive Scale / Number of Load Cells	Kg	50 x 1	50 x 1	50 x 1
Power				
Mixer Motor (Pan/Twin Shaft)	HP	25	20	50
Gate Power Pack Motor	HP	3	-	-
Aggregate Conveyor Motor	HP	10	10	15
Incline Conveyor Motor	HP	10	10	20
Water Discharge Motor	HP	5	5	7.5
Additive Motor	HP	0.5	0.5	1
Cement Conveyor Motor	HP	10	10	15
Cement Vibrator Motor	HP	0.24	0.24	0.24
Sand Vibrator Motor	HP	0.36	0.36	0.50
Air Compressor Motor	HP	3	3	7.5
Total Connected Load	HP/Kw	69.60/51.90	61.60/45.94	116.74/87.05
Recommended GenSet	KVA	125	125	160

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Concrete Mixer Machine

Plant Capacity	UNIT	RM 12	RM 15
Compacted Concrete	m ³ /hr.	12	15
Mixer Specification			
Type of Mixer		Reversible Drum	Reversible Drum
Mixer Capacity	m ³	0.6	0.75
Input / Output Capacity	Ltr.	900/600	1125/750
Aggregate Bin			
Maximum Size of Aggregate	mm	200	200
Water Tank			
Capacity	Ltr.	180	200
Other Details			
Loading Hopper		Hydraulically operated with heavy duty power pack	Hydraulically operated with heavy duty power pack
Weighing system		Load Cell based weighing system with digital display	Load Cell based weighing system with digital display
Gear Box		Helical In line	Helical In line
Tyres		4	4
Jack Leveling in pin type jack		4	4
Power			
Reversible Drum Motor	HP	12.5	15

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Optional Items

- ⇒ Water System with Automatic Cutoff Sensor Type
- ⇒ Single Bin Weighing System
- ⇒ Two Bin Weighing System
- ⇒ Three Bin Weighing System
- ⇒ Add Mixer Dozing System
- ⇒ Hopper Vibrator
- ⇒ Printing Facility

Cement & Fly Ash Storage Silo



Cement and fly ash storage/feeding system is widely used to store the loose cement or fly ash. Generally storage systems are required for concrete batching plants, Fly ash brick plants and these storage and feeding system is also widely used for storing and feeding various other fine aggregates which comes in form of powder. The structure of the silo is made from IS 2062 B grade material and it's a air tight with having top man hole provision and bottom butterfly valve provision. Silo comes with inner and outer ladder which is used to clean or inspect the silo when required.

- Storage silos come in various capacity like 50 ton, 60 ton, 80 ton, 100 ton and 150 ton etc. and also as per the requirement of client.
- We also provide Silo accessories which are very useful and they are
 - Level indicators
 - Special round type dust collectors
 - Pressure safety relief valve
 - Bin aerator
 - Fludisation nozzles
 - Dual feeding system



Screw Conveyor



Paddle type level indicators



Pressure safety relief valve



Special round type dust collector

Service & Spare Parts

Service Excellence

- ⇒ *At BHAI Pumpcrete, we thrive to achieve service excellence*
- ⇒ *We respond to service call on the same day based on availability of our service engineer*
- ⇒ *Our service engineer reach the site within 24-36 hours of the call lock*

BHAI Pumpcrete Genuine Spare Parts:

The performance of concrete batching plant depends on the performance of different parts used in it. We give highest importance that the best quality parts are used in the batching plant. We urge our customers to procure only genuine spare parts to ensure continued impeccable performance of their batching plants without any hassle.

The genuine spare parts are only available with us and we ensure the same quality as the original one. These spare parts benefit you in a long run and enhance the batching plant's performance besides saving your money. Only trust on Genuine Spare Parts.



Client Portfolio

Lending Strengths to our CLIENT PORTFOLIO



Khare & Tarkunde Infrastructure Pvt. Ltd.



Ameyas Buildcons Pvt. Ltd. Paratech Constructions Pvt Ltd Majha Concrete Products



and the list continues...

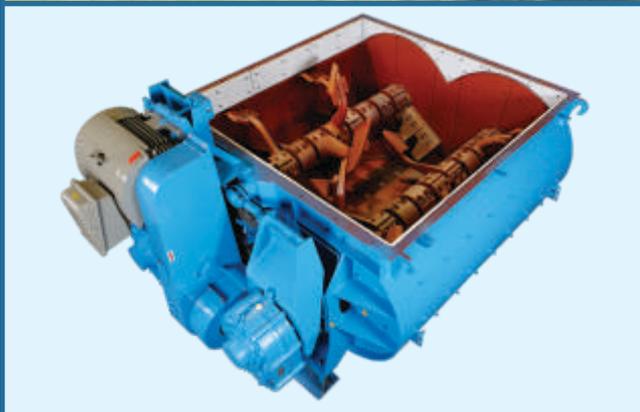
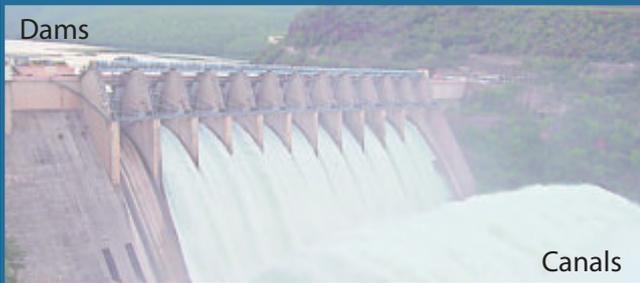
Leading Strengths

THE INDIAN

Infrastructure landscape

The Indian infrastructure business is on a roll. The industry is all set to take the next big leap in its growth trajectory, unfolding new opportunities for established players. As an experienced and reputed business establishment,

BHAI Pumpcrete has taken the lead in bringing to the country the latest technological innovation in concrete mixing



Our Batching Plants are used for Nation Building
'BHAL Pumpcrete (P) Ltd.... The name you trust'

Best-in-class Technology

High Quality

Affordable

Innovation

Get in Touch...

Sales: +91-9810436613

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| **Marketing:** +91-9716773399

Dealers:

Odisha

UNITECH SALES & SERVICE

Acrux Gokul Plaza, Flat No. 201, Bomikhal,
Cuttack Road, Bhubaneswar-751006, Odisha

Mumbai-Pune-Nasik

INFINITY ENGINEERS

S/108 Haware, Fantasia Business Park
Sector 30B, Vashi, Navi Mumbai, Maharashtra

West Bengal

ASCENT ENGINEERS

Naba Ananda Nikatan, 632 Dumdum Park,
Kolkata-700055, West Bengal

Chhattisgarh-Nagpur

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Raipur- 492001, Chhattisgarh

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New Delhi-110 044. Phone: +91-11-4050 5998

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