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PRODUCT RANGE WITH MODELS

STATIONARY CONCRETE PUMPS

703D, 704D, 1004D SHP, 1405D, 1407D

HIGH PRESSURE STATIONARY CONCRETE PUMPS

1400 HPD, 1400 HPD+,
1407 D HR, 1407 D HR+

VIDYUT CONCRETE PUMPS

1003 E, 1405 E, 1406 E, 1400 HPE

MOBILE LINE PUMP

1004 D SHP MOLI+, 1405 D MOLI+,
1407 D MOLI+, 1407 D HR MOLI+

TRUCK MOUNTED BOOM PUMP

M 20 Z, 37 ZX, 40 ZX

STATIONARY BOOM PLACERS

SB 33, SB 36

COMPACT BATCHING PLANTS

Z 30, X1, X1.25

SUPER MOBILE BATCHING PLANTS

T 21 & T 30

COMPARTMENT BIN PLANTS

MP 30, MP 40, MP 60, MP 70

INLINE BIN PLANTS

SKIP SERIES
SP30, SP40, SP60, SP70

INLINE BIN PLANTS

CONVEYOR BELT SERIES
SP 60C, SP 70C,SP 90C, SP 120C

CONCRETE WASH

CW 10

Scan for Product video

HIGH PERFORMING SERIES

703D, 704D, 1004D SHP, 1405D, 1407D

DATA SHEET

Parameters		Unit	703 D
			Diesel
Prime Mover		KW	34.6
Theoretical Output		m3/hr	30
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	700
No. of Strokes		per min	22.5
Hydraulic Transmission			1:3.3
Concrete Pressure		bar	65
Concrete Hopper Capacity		L	500
Delivery Distance**	Horiz	m	320
	Vert	m	80

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	704 D
			Diesel
Prime Mover		KW	49
Theoretical Output		m3/hr	35
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	700
No. of Strokes		per min	26
Hydraulic Transmission			1:3.3
Concrete Pressure		bar	80
Concrete Hopper Capacity		L	500
Delivery Distance**	Horiz	m	350
	Vert	m	90

*Values for hydraulic fluid being fed to piston side.

Parameters		Unit	1004 D SHP
			Diesel
Prime Mover		KW	49
Theoretical Output		m3/hr	51/35*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1000
No. of Strokes		per min	27/18*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	61.91*
Concrete Hopper Capacity		L	500
Delivery Distance**	Horiz	m	400
	Vert	m	100

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

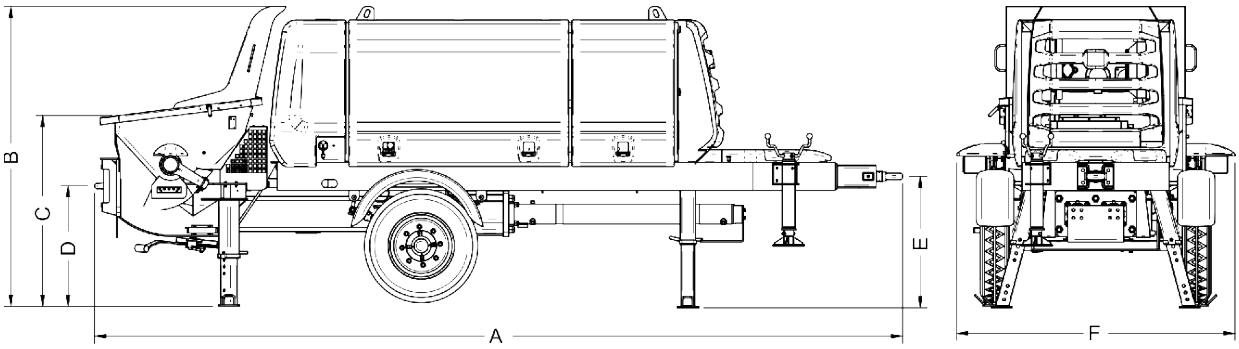
Parameters		Unit	1405 D
Prime Mover		KW	49
Theoretical Output		m3/hr	51/35*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	19/13*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	61.91*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	500
	Vert	m	125

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	1407 D
Prime Mover		KW	82
Theoretical Output		m3/hr	65/45*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	25/17*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	71.106*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	600
	Vert	m	150

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

TECHNICAL DRAWING



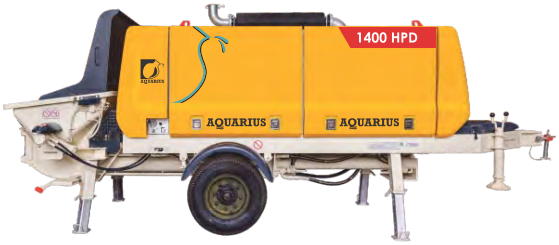
DIMENSIONS

MODEL	~A	~B	~C	~D	~E	~F
703 D	5010	2120	1360	840	940	1740
704 D	5010	2120	1360	840	940	1740
1004 D SHP	5180	2120	1360	840	940	1740
1405 D	5770	2140	1360	860	940	1990
1407 D	5770	2140	1360	860	940	1990

HIGH PRESSURE SERIES

1400 HPD, 140O HPD+, 1407 D HR, 1407 D HR+

DATA SHEET

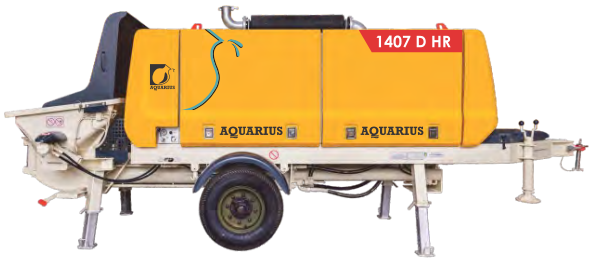


Parameters		Unit	1400 HPD
Prime Mover		KW	165
Theoretical Output		m3/hr	56/37*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	21/14
Hydraulic Transmission		Road Side	1:3.03
		Head Side	1:2.0
Concrete Pressure		bar	108/160*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	1100
	Vert	m	275

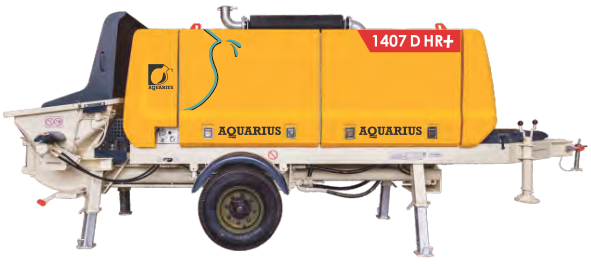
*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	1400 HPD+
Prime Mover		KW	195
Theoretical Output		m3/hr	58/39*
Del. Cylinder Diameter		mm	200
Del. Cylinder Stroke		mm	1400
No. of Strokes		per min	22/15
Hydraulic Transmission		Road Side	1:3.03
		Head Side	1:2.0
Concrete Pressure		bar	116/172*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	1200
	Vert	m	300

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.



Parameters		Unit	1407 D HR
Prime Mover		KW	132
Theoretical Output		m3/hr	64/45*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	25/17*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	71/106*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	800
	Vert	m	200



Parameters		Unit	1407 D HR+
Prime Mover		KW	132
Theoretical Output		m3/hr	58/36*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	22/14*
Hydraulic Transmission		Road Side	1:3.8
		Head Side	1:2.3
Concrete Pressure		bar	88/142*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	950
	Vert	m	235

VIDYUT SERIES (Electric Pump)

DATA SHEET

1003 E, 1405 E, 1406 E, 1400 HPE

Parameters		Unit	1003 E
			Electric Drive
Prime Mover		KW	45
Theoretical Output		m3/hr	33
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1000
No. of Strokes		per min	18
Hydraulic Transmission		Road Side	1:4.9
		Head Side	-
Concrete Pressure		bar	57
Concrete Hopper Capacity		L	500
Delivery Distance**	Horiz	m	300
	Vert	m	75

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	1405 E
			Electric Drive
Prime Mover		KW	90
Theoretical Output		m3/hr	48/33*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	18/12*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	71/106*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	600
	Vert	m	150

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	1406 E
			Electric Drive
Prime Mover		KW	75
Theoretical Output		m3/hr	52/35*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	20/13*
Hydraulic Transmission		Road Side	1:4.9
		Head Side	1:3.3
Concrete Pressure		bar	65/97*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	550
	Vert	m	140

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

Parameters		Unit	1400 HPE
			Electric Drive
Prime Mover		KW	110
Theoretical Output		m3/hr	36/25*
Del Cylinder Diameter		mm	200
Del Cylinder Stroke		mm	1400
No. of Strokes		per min	15/10*
Hydraulic Transmission		Road Side	1:3.0
		Head Side	1:2.0
Concrete Pressure		bar	108/160*
Concrete Hopper Capacity		L	600
Delivery Distance**	Horiz	m	1100
	Vert	m	275

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1405 standard.

MOBILE LINE PUMP

1004 D SHP MOLI+, 1405 D MOLI+, 1407 D MOLI+, 1407 D HR MOLI+

DATA SHEET

Parameters	Unit	1004D SHP MOLI+
Prime Mover	kW	49
Theoretical Output	m3/hr	51/35*
Del. Cylinder Diameter	mm	200
Del. Cylinder Stroke	mm	1000
No. of Strokes	per min	27/18*
Hydraulic Transmission	Road Side Head Side	1:4.9 1:3.3
Concrete Pressure	bar	61/91*
Concrete Hopper Capacity	L	500
Delivery Distance	Horiz m Vert m	400 100
GVW	kg	10000+
Wheel Base	Mm	3600+
Chassis Frame Width	Mm	860+

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1045 standard.

Parameters	Unit	1405 D MOLI+
Prime Mover	kW	49
Theoretical Output	m3/hr	51/35*
Del. Cylinder Diameter	mm	200
Del. Cylinder Stroke	mm	1400
No. of Strokes	per min	19/13*
Hydraulic Transmission	Road Side Head Side	1:4.9 1:3.3
Concrete Pressure	bar	61/91*
Concrete Hopper Capacity	L	600
Delivery Distance	Horiz m Vert m	500 125
GVW	kg	11000+
Wheel Base	Mm	4200+
Chassis Frame Width	Mm	860+

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1045 standard.

Parameters	Unit	1407D MOLI+
Prime Mover	kW	82
Theoretical Output	m3/hr	65/45*
Del. Cylinder Diameter	mm	200
Del. Cylinder Stroke	mm	1400
No. of Strokes	per min	25/17*
Hydraulic Transmission	Road Side Head Side	1:4.9 1:3.3
Concrete Pressure	bar	71/106*
Concrete Hopper Capacity	L	600
Delivery Distance	Horiz m Vert m	500 150
GVW	kg	11000+
Wheel Base	Mm	4200+
Chassis Frame Width	Mm	860+

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1045 standard.

Parameters	Unit	1407D HR MOLI+
Prime Mover	kW	132
Theoretical Output	m3/hr	65/45*
Del. Cylinder Diameter	mm	200
Del. Cylinder Stroke	mm	1400
No. of Strokes	per min	25/17*
Hydraulic Transmission	Road Side Head Side	1:4.9 1:3.3
Concrete Pressure	bar	71/106*
Concrete Hopper Capacity	L	600
Delivery Distance	Horiz m Vert m	600 150
GVW	kg	11000+
Wheel Base	Mm	4500+
Chassis Frame Width	Mm	860+

*Values for hydraulic fluid being fed to piston side.
**Distances to be read as either horizontal or vertical.
The concrete should be pumpable & follows DIN 1045 standard.

TRUCK MOUNTED BOOM PUMP

37ZX & 40ZX

DATA SHEET

Parameters	Unit	37 ZX
Arms	No.	4
Boom Folding	Boom Folding	Z
Chassis Allowable GVW	kg	28000
Horizontal Reach (max.)	m	31.82
Vertical Reach (max.)	m	36.75
Reach Depth	m	23.7
Unfolding Height	m	8.4
Slewing Range	Deg.	365
Delivery Line Diameter	mm	125
Length of End Hose (dn 125)	m	4
Max. Hydraulic Pressure	Bar	360
Electrical System	V	24V
Power Drive Slave Engine	kW	82
Optional Drive		Splitter GB

*New regulation for two axle chassis (4X2) the GVW is specified as 18500kg

Parameters	Unit	40 ZX
Arms	No.	5
Boom Folding	Boom Folding	Z
Chassis Allowable GVW	kg	28000
Horizontal Reach (max.)	m	34.38
Vertical Reach (max.)	m	39.34
Reach Depth	m	25.72
Unfolding Height	m	9.1
Slewing Range	Deg	365
Delivery Line Diameter	mm	125
Length of End Hose (dn 125)	m	4
Max. Hydraulic Pressure	Bar	360
Electrical System	V	24V
Power Drive Slave Engine	kW	Splitter GB

*New regulation for two axle chassis (4X2) the GVW is specified as 18500kg

CONCRETE PUMP Model Specification	Unit	37.04
Concrete Output Max. Theoretical	m3/hr	85/58
Concrete Pressure Max. Theoretical	Bar	54/80
No. of Strokes / Min	no.	25/17
Delivery Cylinder Diameter	mm	230
Piston Stroke Length	mm	1400
Hydraulic Transmission Ratio (Rod Side)		1:6.5/1:4.37
Easy Clean Hopper Capacity	l	600
Water Tank Capacity	l	205

Note: Performance of equipment is based on standard working conditions. Design / Specifications can be changed without prior notice

CONCRETE PUMP Model Specification	Unit	40.09
Concrete Output Max. Theoretical	m3/hr	130/88
Concrete Pressure Max. Theoretical	Bar	54/80
No. of Strokes / Min	No.	38/25
Delivery Cylinder Diameter	mm	230
Piston Stroke Length	mm	1400
Hydraulic Transmission Ratio (Rod Side)		1:6.5/1:4.37
Easy Clean Hopper Capacity	l	600
Water Tank Capacity	l	400

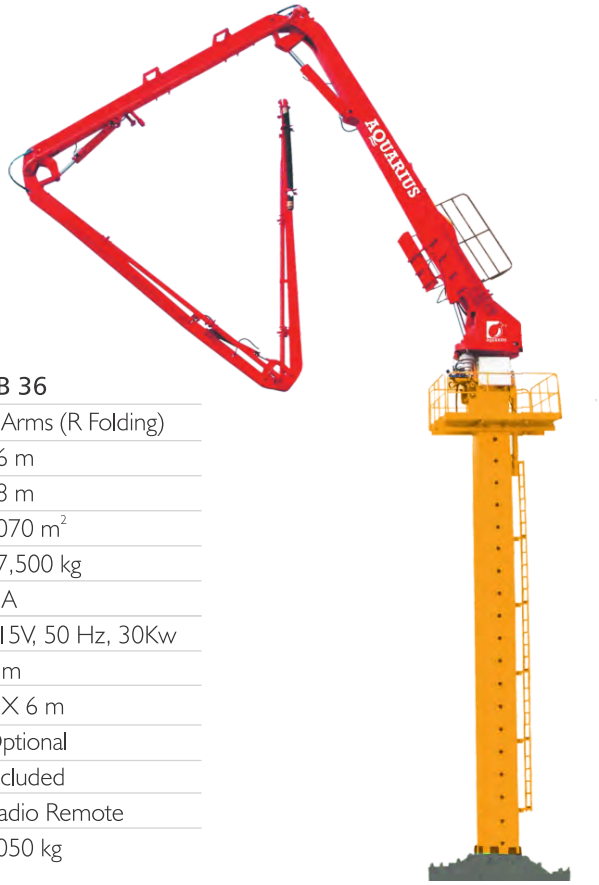
Note: Performance of equipment is based on standard working conditions. Design / Specifications can be changed without prior notice

STATIONARY BOOM PLACER

SB 33, SB 36

FEATURES

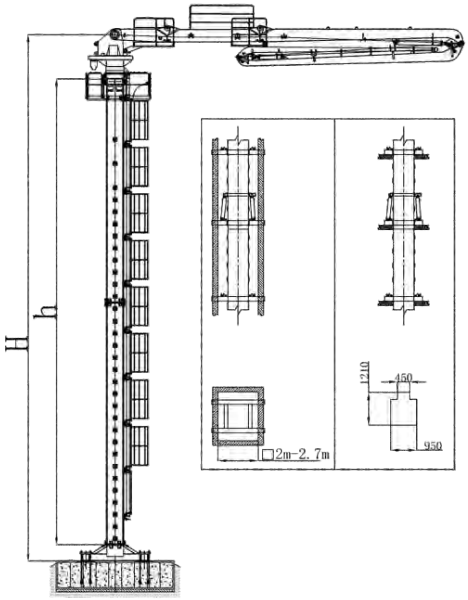
- Modular weight optimized design for easy installation via tower crane
- Radio remote as standard supply
- Easy installation in floors as well as in lift shafts
- Meets ASME B30.27-2014 Standard



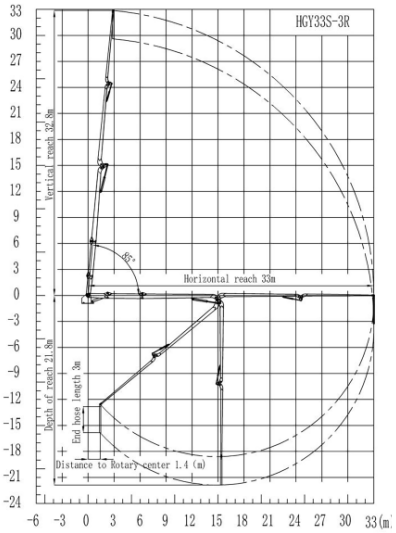
DATA SHEET

Model Specifications	SB 32	SB 36
Arms	3 Arms (R Folding)	4 Arms (R Folding)
Horizontal Reach	33 m	36 m
Vertical Reach	35 m	38 m
Working Range	3420 m^2	4070 m^2
Machine Weight (TOTAL)	21,000 kg	27,500 kg
Counter Weight	NA	NA
Electrical Power	415V, 50 Hz, 15Kw	415V, 50 Hz, 30Kw
End Hose Length	3 m	3 m
Mast Set	3 X 6 m	3 X 6 m
Cross Base and anchor set	Optional	Optional
Mast Hydraulic Climbing System	Included	Included
Remote Control	Radio Remote	Radio Remote
Weight of Heaviest Part	3100 kg	5050 kg

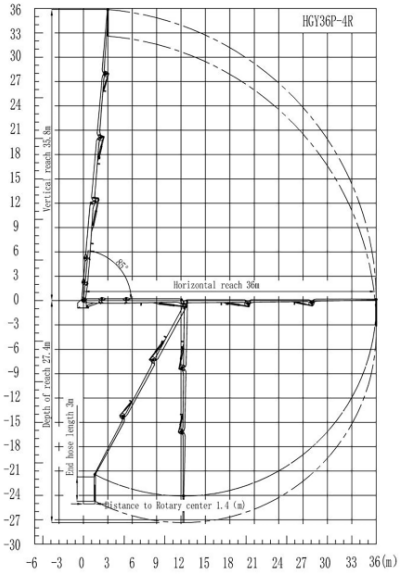
TECHNICAL DRAWING



SB 32



SB 36



SUPER MOBILE BATCHING PLANT

DATA SHEET

T 21 & T 30

Model Specifications	Unit	T 21
Type of Mixer	-	Planetary
Dry Fill Capacity of Mixer	L	525
Compacted Output per Batch	L	350
No. of Aggregates	No.	max.3
Storage Capacity of Aggregate	m3	15
No. of Cement / Fly Ash (Max)#	No.	max.3
No. of Water	No.	max.1
No. of Additives	No.	max.2
Aggregate Loading in Mixer	-	Belt conveyor
Connected Load#	kW	28
Aggregate Loading Height	m	3
D.G. Set Required	kVA	50

Model Specifications	Unit	T 30
Type of Mixer	-	Planetary
Dry Fill Capacity of Mixer	L	750
Compacted Output per Batch	L	500
No. of Aggregates	No.	max.3
Storage Capacity of Aggregate	m3	15
No. of Cement / Fly Ash (Max)#	No.	max.3
No. of Water	No.	max.1
No. of Additives	No.	max.2
Aggregate Loading in Mixer	-	Belt conveyor
Connected Load#	kW	35
Aggregate Loading Height	m	3
D.G. Set Required	kVA	62.5

COMPARTMENT BIN PLANTS

MP 30, MP 40, MP 60, MP 70

DATA SHEET

Model Specifications	Unit	MP 30
Type of Mixer	-	Planetary
Capacity of Mixer		750
Compacted Output per Batch		500
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	30
No. of Cement / Fly Ash (Max)#	No.	3
No. of Water	No.	2
No. of Additives	No.	2
Aggregate Loading in Mixer	-	Skip
Connected Load#	kW	56
Aggregate Loading Height	m	3.6
D.G. Set Required	kVA	82.5

#Standard Configuration

Model Specifications	Unit	MP 40
Type of Mixer	-	Planetary
Capacity of Mixer	l	900
Compacted Output per Batch	l	600
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	30
No. of Cement / Fly Ash (Max)#	No.	3
No. of Water	No.	l
No. of Additives	No.	2
Aggregate Loading in Mixer	-	Skip
Connected Load#	kW	56
Aggregate Loading Height	m	3.7
D.G. Set Required	kVA	80

#Standard Configuration

Model Specifications	Unit	MP 60
Type of Mixer	-	Twin Shaft
Capacity of Mixer	l	1500
Compacted Output per Batch	l	1000
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	40
No. of Cement / Fly Ash (Max)#	No.	4
No. of Water	No.	2
No. of Additives	No.	3
Aggregate Loading in Mixer	-	Skip
Connected Load#	kW	80
Aggregate Loading Height	m	5.1
D.G. Set Required	kVA	150

#Standard Configuration

Model Specifications	Unit	MP 70
Type of Mixer	-	Twin Shaft
Capacity of Mixer	l	1800
Compacted Output per Batch	l	1250
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	50
No. of Cement / Fly Ash (Max)#	No.	4
No. of Water	No.	2
No. of Additives	No.	3
Aggregate Loading in Mixer	-	Skip
Connected Load#	kW	90
Aggregate Loading Height	m	5.3
D.G. Set Required	kVA	150

#Standard Configuration

INLINE BIN PLANTS

SKIP SERIES: SP30, SP40, SP60, SP70

DATA SHEET

Model Specifications	Unit	SP 30
Type of Mixer	-	Planetary
Capacity of Mixer	L	750
Compacted Output per Batch	L	500
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	30
No. of Cement / Fly Ash (Max)#	No.	3
No. of Water	No.	2
No. of Additives	No.	2
Aggregate Loading in Mixer	-	Skip Hoist
Aggregate Loading Height	m	3.6
Connected Load#	kW	50.69
D.G. Set Required	kVA	80

#Standard Configuration

Model Specifications	Unit	SP 40
Type of Mixer	-	Planetary
Capacity of Mixer	L	900
Compacted Output per Batch	L	600
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	30
No. of Cement / Fly Ash (Max)#	No.	3
No. of Water	No.	2
No. of Additives	No.	2
Aggregate Loading in Mixer	-	Skip Hoist
Aggregate Loading Height	m	3.6
Connected Load#	kW	58
D.G. Set Required	kVA	80

#Standard Configuration

Model Specifications	Unit	SP 60
Type of Mixer	-	Twin Shaft
Capacity of Mixer	L	1500
Compacted Output per Batch	L	1000
No. of Aggregates	No.	4/5/6
Storage Capacity of Aggregate	m3	40 to 240
No. of Cement / Fly Ash (Max)#	No.	4
No. of Water	No.	2
No. of Additives	No.	3
Aggregate Loading in Mixer	-	Skip Hoist
Aggregate Loading Height	m	3.6
Connected Load#	kW	90
D.G. Set Required	kVA	150

#Standard Configuration

Model Specifications	Unit	SP 70
Type of Mixer	-	Twin Shaft
Capacity of Mixer	L	1800
Compacted Output per Batch	L	1250
No. of Aggregates	No.	4/5/6
Storage Capacity of Aggregate	m3	40 to 240
No. of Cement / Fly Ash (Max)#	No.	4
No. of Water	No.	2
No. of Additives	No.	4
Aggregate Loading in Mixer	-	Skip Hoist
Aggregate Loading Height	m	4.1
Connected Load#	kW	90
D.G. Set Required	kVA	180

#Standard Configuration

COMPACT BATCHING PLANT

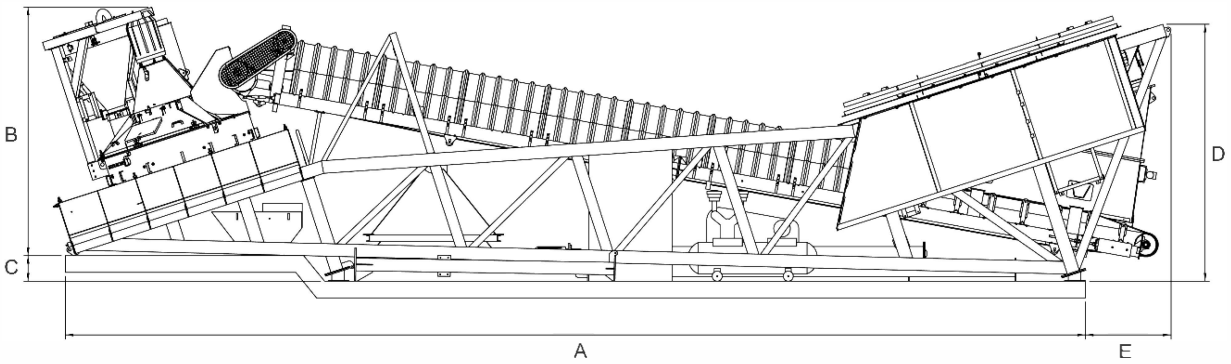
DATA SHEET

Z 30

Model Specifications	Unit	Z 30
Type of Mixer	-	Planetary
Dry Fill Capacity of Mixer	L	750
Compacted Output per Batch	L	500
No. of Aggregates	No.	4
Storage Capacity of Aggregate	m3	20
No. of Cement / Fly Ash (Max)#	No.	3
No. of Water	No.	1
No. of Additives	No.	2
Aggregate Loading in Mixer	-	Cleated Belt
Connected Load#	kW	50
Aggregate Loading Height	m	3.98
D.G. Set Required	kVA	82.5
Concrete discharge height	m	4.1

#Standard Configuration

TRANSPORT VIEW



All dimensions are in millimeters (mm).

DIMENSIONS

MODEL	~A	~B	~C	~D	~E
Z 30	12200	2961	305	3061	1023

BRANCH - TANZANIA

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