



AQUARIUS ENGINEERS PVT. LTD.

Concrete Pumps, Batching Plants, Boom Pumps

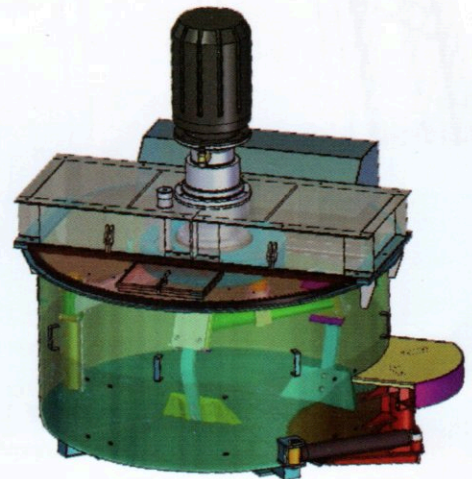


SUPER MOBILE CONCRETE BATCHING PLANT - SMP 21



► Salient Features:

- Planetary mixer for homogeneous and economical mixing
- Concrete discharge to concrete pump hopper
- Equipped with Microprocessor based HMI control AQ-TOUCH.
- No foundations required – SKID mount on PCC
- Minimum installation and shifting time
- Output of 0.35 m³ compacted concrete batch size
- Aggregate loading height 3.6 m only
- Separate water and cement weighing arrangement
- Conveyor belt for weighing of aggregates and transfer to mixer



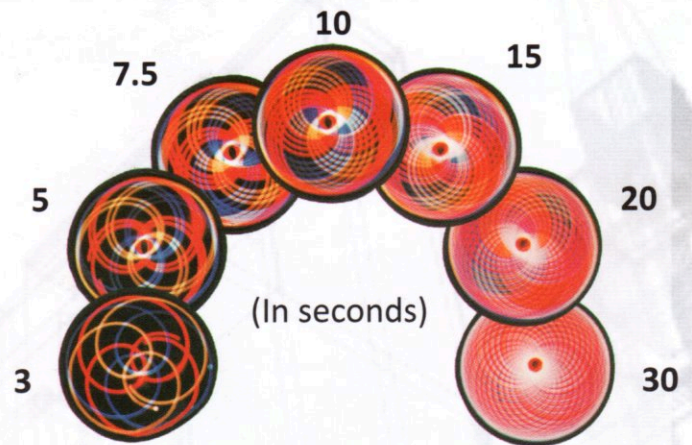
Planetary Mixer

Technical Specifications:

Model Specifications	Unit	SMP 21
Type of Mixer	-	Planetary
Dry Fill Capacity of Mixer	l	525
Compacted Output per Batch	l	350
Max. No. of Aggregates	no.	4
Storage Capacity of Aggregate	m ³	18
Max. No. of Cement / Fly Ash	no.	3
Max. No. of Water	no.	2
Max. No. of Additives	no.	1
Aggregate Loading in Mixer	-	Belt Conveyor
Connected Load#	kW	30
Aggregate Loading Height	m	3.6
D.G. Set Required #	kVA	50


Maximum Configuration

Planetary Mixing Action:



Cycle Time Charts:

SUPER MOBILE CONCRETE BATCHING PLANT : SMP 21

Second	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245											
Aggregate	Batching 25 Sec										Batching 25 Sec															Batching 25 Sec															Batching 25 Sec																			
Cement	Cement 22 Sec										Cement 22 Sec															Cement 22 Sec															Cement 22 Sec																			
Additive	Water 15 Sec										Water 15 Sec															Water 15 Sec															Water 15 Sec																			
Admixture	Add 10 Sec										Add 10 Sec															Add 10 Sec															Add 10 Sec																			
Mixer											Mixing 30 sec					DISCH										Mixing 30 sec					DISCH					DISCH					Mixing 30 sec					DISCH					DISCH					Mixing 30 sec				
 Discharge	First Cycle In 85 Sec																		Subsequent Cycle In 60 Sec Production 60 Cycles Per Hour ~21 M3/hr										Subsequent Cycle In 60 Sec Production 60Cycles Per Hour - 21 M3/hr																															

*NOTE: Production capacity based on 0.35m³ cycles of standard concrete with 3 aggregates, 1 cement, 1 water, 1 additive and slump 7-13 cm.



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



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