



TOPCON ENGINEERING

(MFG. OF ROAD & BUILDING CONSTRUCTION MACHINERY)

Perfect Solution For Ready Mix Concrete In One Roof





TECHNICAL SPECIFICATION

MODEL	RMC-20	RMC-30	RMC-45	RMC-60	RMC-75	RMC-90	RMC-120
Output Capacity	20 M ³ / Hr.	30 M ³ / Hr.	45 M ³ / Hr.	60 M ³ / Hr.	75 M ³ / Hr.	90 M ³ / Hr.	120 M ³ / Hr.
Mixer Unit	Turbo pan type mixer / twin shaft mixer						
Main Mixer reduction gear box	Imported planetary reduction gear box						
Main Drive / electrical motor	20 HP	30 HP	40 HP	50 HP	60 HP	50 HP x 2 Nos.	75 HP x 2 Nos.
Material Storage unit	2 x 2 Cross bin	In line four bin feeder					
Material storage capacity	20 M ³	30 M ³	40 M ³	60 M ³	60 M ³	90 M ³	100 M ³
Material Weighing system	Digital load cell based weighing of material						
Batch feeding System	Through inclined belt conveyor / inclined skip bucket						
Cement feeding system	Through screw conveyor						
Water Weighing system	Digital Load cell based weighing of water in separate tank						
Ad mixture dozing system	Digital load cell based auto admixture dozing system						
Control Panel	Fully automatic PLC based control panel						
Control Cabin	Provided						
Concrete Discharge height from GI	4.0 meter from the ground level						
Total connected power (HP)	52 HP	74 HP	87 HP	120 HP	145 HP	200 HP	275 HP
Suggested DG Set	62 KVA	82 KVA	125 KVA	160 KVA	200 KVA	300 KVA	400 KVA

OPTIONAL ACCESSORIES:

- Computer SCADA system and software
- Cement storage silos & accessories
- Fly ash feeding system and storage silos
- Moisture controlling system
- Water Chilling Plant





TECHNICAL SPECIFICATION

MODEL	CP-20	CP-25	CP-30	CP-45	CP-60
Output Capacity	20 M ³ / Hr.	25 M ³ / Hr.	30 M ³ / Hr.	45 M ³ / Hr.	60 M ³ / Hr.
Plant Assembly	Whole assembly on single chassis				
Mixer Type	Turbo pan type mixer / twin shaft mixer				
Main Reduction Gear	Imported planetary gear box				
Main Mixer Drive	20 HP	25 HP	30 HP	40 HP	50 HP
Material Storage system	2 x 2 Cross bin feeder				
Material storage capacity	14 M ³	14 M ³	20 M ³	25 M ³	30 M ³
Material Weighing system	Digital load cell based weighing system				
Material feeding System	Through inclined belt conveyor				
Cement feeding system	Through inclined screw conveyor				
Water Weighing system	Digital Load cell based weighing of water in separate tank				
Admixture dozing system	Digital load cell based auto admixture dozing system				
Control Panel	Fully automatic PLC based control panel				
Control Cabin	Optional				
Concrete Discharge height	4.2 meter from the ground level				
Total connected power (HP)	48	53	63	77	98
Suggested DG Set	62 KVA	62 KVA	82 KVA	100 KVA	125 KVA

OPTIONAL ACCESSORIES:

- Computer SCADA system and software
- Cement storage silos & accessories
- Fly ash feeding system and storage silos
- Material feeding conveyor
- Fabricated Skid



TECHNICAL SPECIFICATION

MODEL	RD-15	RD-20
Output Capacity	15 M ³ / Hr.	20 M ³ / Hr.
Material storage capacity	10 M ³	12 M ³
Mixing & discharge system	Forward rotation of drum mixer the material and reverse rotation of drum discharges the concrete	
Material weighing system	Digitally load cell based weighing of aggregates,	
Cement feeding system	Through inclined screw conveyor	
Water Feeding system	Timer based accurate water feeding system	
Control Panel	Fully automatic PLC based control panel	
Pneumatic wheels	2 Nos.	2 Nos.
Water tank capacity	200 Ltrs.	200 Ltrs.
Total connected power	25 HP	30 HP
Suggested DG set	40 KVA	50 KVA
Concrete discharge height	1.2 Meter from GI	1.5 Meter from GI



OPTIONAL ACCESSORIES:

- Prefab cabin for control panel
- Fly ash / GGBS feeding system
- Storage silo & accessories
- SCADA software with computer

MINI MOBILE BATCHING PLANT (RM SERIES)



TECHNICAL SPECIFICATION

MODEL	RM-800	RM-1050	RM-1400
Output Capacity	10 - 12 M ³ / Hr.	12 - 15 M ³ / Hr.	15 - 17 M ³ / Hr.
Mixer Type	Reversible drum type mixer		
Mixing and discharge of concrete	Forward rotation of the drum mix the material and reverse rotation of the drum discharge the concrete		
Main drive of the mixer	10 HP	15 HP	20 HP
Material weighing system	Digitally load cell based weighing of material in each bin		
Water tank capacity	200 Ltrs.	250 Ltrs.	300 Ltrs.
Water feeding system	Flow rate based accurate water feeding system		
Pneumatic Tyres	4 Nos.	4 Nos.	4 Nos.
Hydraulic tank capacity	40 Ltrs.	60 Ltrs.	90 Ltrs.
Centralized lubrication system	Inbuilt centralized lubrication system		
Tow bar facilities	Yes		
Control Panel	Micro processor based control panel		
Total connected power	12.5 HP	17.5 HP	23 HP
Suggested DG set	25 KVA	30 KVA	40 KVA

OPTIONAL ACCESSORIES:

- Printing facility
- Auto admixture dosing system
- Single / Two / Three bin system

Technical Specifications Are Subject To Change Without Notice.