

BTK 508

RADIUS LIFT ARM

BTK 508 RADIUS LIFT ARM BATCHING PLANT ONE OR TWO RADIUS LIFT ARM, ONE OR TWO CEMENT WHEIGHING SYSTEMS, 500 L. CLS PER CYCLE

- COMPACT AND VERSATILE
- MAXIMUM CONCRETE QUALITY
- IDEAL FOR SMALL AND MEDIUM CONSTRUCTION SITES EVEN IN URBAN CENTERS
- LESS CO₂, TRAFFIC AND EMISSIONS
- SINGLE OPERATOR

BTK 508

BTK radius lift arm batching plant are compact, versatile and with low environmental impact, they are suitable for small and medium-sized construction sites, even located in urban center where emissions, truck handling and energy consumption must be reduced to a minimum level. Only one operator is needed to manage it.

DISTINCTIVE FEATURES

- Electronic weighing system for certified concrete
- Completely hydraulic operation
- Automatic translating bucket holder basket
- self- compensation of water
- Management unit with the possibility of data transmission and remote assistance
- Great autonomy thanks to the great storage on the ground; better management of supply.
- Maximum flexibility: product when and how much you want. zero waste!



TECHNICAL CHARACTERISTICS

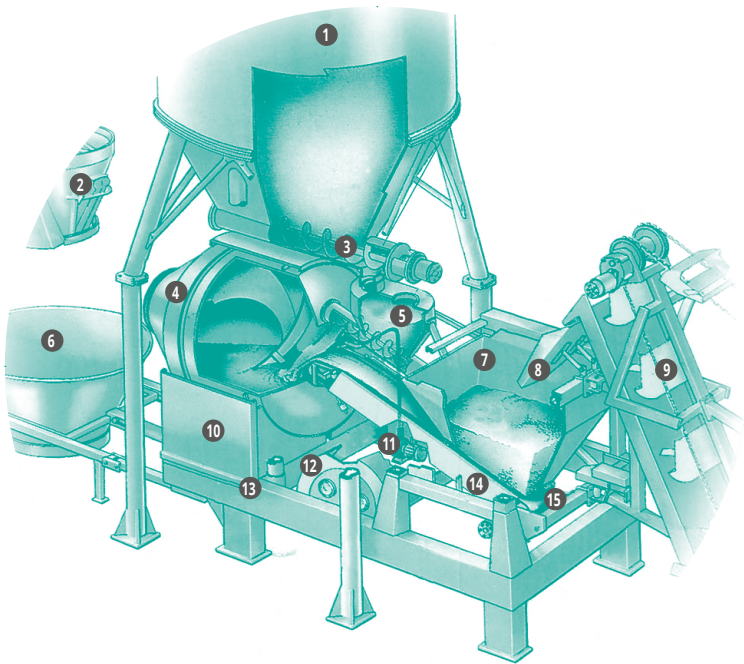
BTK 508		
Drum mixer capacity	l	750
Output of fresh concrete per batch	l	625
Output of compacted concrete per batch	l	500
Maximum aggregate stockpile	m ³	300
Maximum absorbed power	kW	TN 11
Pedestal weight	kg	2500

ACCESORIOS

- BUCKET FOR TRANSLATING BASKET
- AGGREGATE HUMIDITY PROBE
- TIMED ADDITIVE SYSTEM



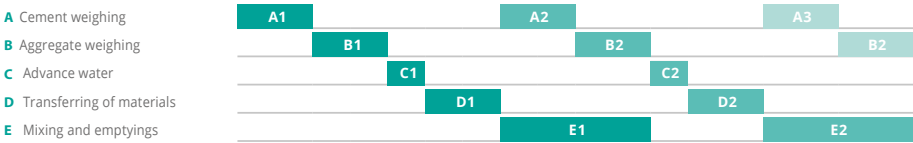
- 1.- Cement silo
- 2.- Skip
- 3.- Screw feeder
- 4.- Drum mixer
- 5.- Cement hopper with incorporated screw feeder
- 6.- Translating skip guide
- 7.- Aggregate weighing hopper
- 8.- Aggregates conveyor
- 9.- Radius lift arm
- 10.- Drum mixer guard
- 11.- Water pump
- 12.- Hydraulic unit
- 13.- Supporting frame
- 14.- Conveyor belt guard
- 15.- Aggregate conveyor belt



PRODUCTION DIAGRAMS

BATCHING PLANT WITH ONE WEIGHING HOPPER

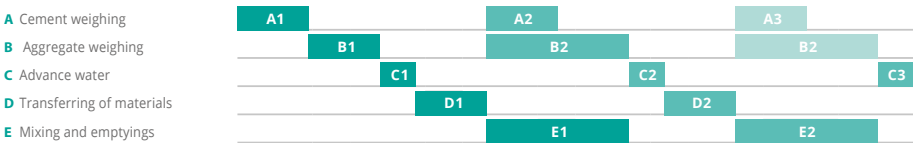
BTK 508	
A Cement weighing	20"
B Aggregate weighing	59"
C Advance water	3"
D Transferring of materials	36"
E Mixing and emptyings	79"
Phases that define the cycle	A+B+C+D
Average time per cycle	118"
Hourly output	14-16 m³/h



Notes: A1= first cycle; A2, A3, ...= following cycles

BATCHING PLANT WITH TWO WEIGHING HOPPER

BTK 508	
A Cement weighing	30"
B Aggregate weighing	59"
C Advance water	3"
D Transferring of materials	36"
E Mixing and emptyings	59"
Phases that define the cycle	B+C+D
Average time per cycle	98"
Hourly output	16-18 m³/h



Notes: A1= first cycle; A2, A3, ...= following cycles





EPS 2100-BEW MULTI RECIPES MANAGEMENT UNIT

- Electrical panel with ip 54 protection level
- Transparent protective window for the control part
- Digital display for weight
- Automation by plc
- IMER management software
- Keyboard with display for setting the recipes, process parameters and for viewing consumption
- Storage of production data
- Option with printer: allows printing of production data at the end of the cycle
- Send mail option: it allows the automatic sending Of production data at the end of the cycle
- Usb option: allows the download of stored production Data
- Plug and play system for a quick and simple installation

EPS 2100-BEW MANAGEMENT AND CONTROL SYSTEMS

EPS 2100-BEW

- Automation by PLC
- IMER management software
- Keyboard with display for setting recipes and process parameters, for viewing consumption and storing production data
- Option with printer: allows production data to be printed at the end of the cycle
- Email sending option: allows automatic sending of production data at the end of the cycle
- USB option: allows the download of stored production data

