IMER CONCRETE
BATCHING PLANT SOLUTIONS

BTK 1500E

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BATCHING PLANT SOLUTIONS

RADIUS LIFT ARM

BTK 1500E RADIUS LIFT ARM BATCHING PLANT
TWO RADIUS LIFT ARM, ONE OR TWO CEMENT
WHEIGHING SYSTEMS, 500 L. CLS PER CYCLE

BTK 1500E

- COMPACT AND VERSATILE
- MAXIMUM CONCRETE QUALITY
- IDEAL FOR SMALL AND MEDIUM CONSTRUCTION SITES EVEN IN URBAN CENTERS
- LESS CO_2, TRAFFIC AND EMISSIONS
- SINGLE OPERATOR

BTK 1500E

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
- FULL ELECTRIC
- 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

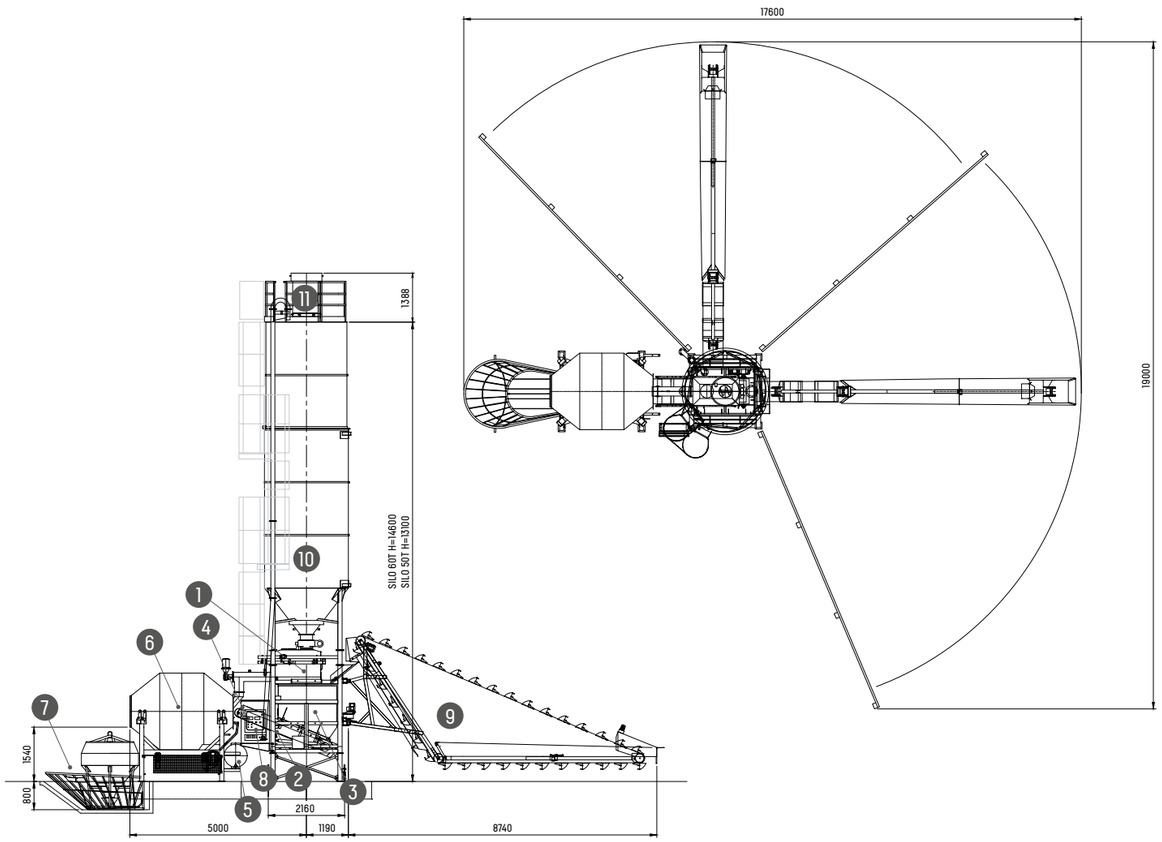
		BTK 1500E
Drum mixer capacity	l	2250
Output of fresh concrete per batch	l	1875
Output of compacted concrete per batch	l	1500
Maximum aggregate stockpile	m^3	300
Maximum absorbed power	kW	TR 26-TM 26
Pedestal weight	kg	1900

ACCESSORIES

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

LAYOUT

BTK 1500E



1_CEMENT WEIGHING HOPPER

2_CEMENT AND AGGREGATE WEIGHING SYSTEM WITH APPROVED LOAD CELLS

3_HOPPER FOR AGGREGATE DOSAGE

4_AGGREGATE CONVEYOR BELT

5_AUTOMATIC WATER UNIT

6_DRUM MIXER WITH U-TURN

7_SKIP GUIDE

8_CONTROL PANEL

9_BIDIRECTIONAL RADIUS LIFT ARM

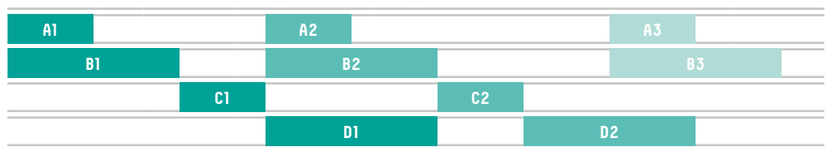
10_CEMENT SILO WITH LADDER, SAFETY VALVE AND MOTOR VALVE FOR CEMENT EXTRACTION

11_CEMENT DUST REMOVER FILTER

PRODUCTION DIAGRAMS

BATCHING PLANT WITH TWO WEIGHING HOPPERS

	BTK 1500E-TR	BTK 1500E-TM
A Cement weighing	45″	45″
B Aggregate weighing	165″	105″
C Advance water	45″	45″
D Transferring of materials	165″	105″
Phases that define the cycle	B+C	B+C
Average time per cycle	210″	150″
Hourly output	24-26 m^3/h	34-36 m^3/h



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

PLUG AND PLAY SYSTEM FOR A QUICK AND SIMPLE INSTALLATION

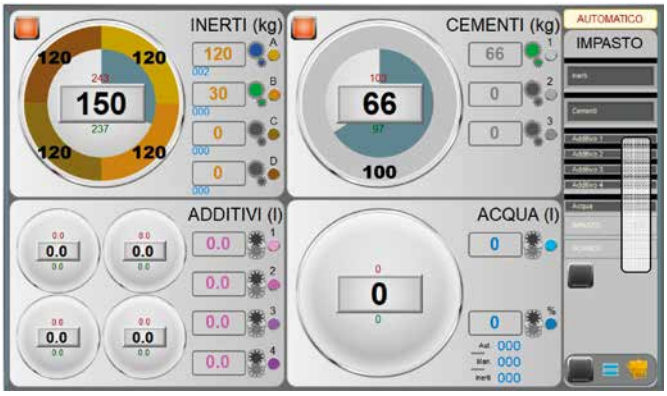
EPS 2100-BEW MULTI RECIPES MANAGEMENT UNIT

- 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

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



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