

TERRACON DB3000

DRY CONCRETE BATCHING PLANT

TERRACON DB3000

DRY CONCRETE BATCHING PLANT

ENGINEERING EXCELLENCE

The Terracon DB3000 is a high performance Dry Batching Plant designed and equipped with the latest Command Alkon Batching Technology offering the features of a large scale concrete batching plant in a compact turnkey unit.

This highly efficient and robust unit has an output capacity of 120m³ per hour and will provide the user with optimum performance and reliability for producing quality concrete products. The DB3000 therefore is the perfect choice for any new or existing concrete producers seeking to expand their production capacity.

This unit is designed for ease of use; therefore featuring quick set up and installation processes allowing the DB3000 to be commissioned and working on site in minimum time.

The DB3000 is manufactured to the highest standard and operators are assured that this unit is highly productive reliable and efficient.

FEATURES:

- Output capacity of 120m³/h
- Batch capacity of up to 3m³
- High capacity aggregate scales
- Galvanized hoppers and chutes complete with wear liners
- Heated control cabin complete with desktop batching PC and manual batching console
- Optimised design for ease of transportation
- Innovative dust suppression system

1 CEMENT WEIGHING HOPPER

- 1500kg capacity
- High accuracy tension load cells
- Fill ports for up to 4 screws
- High speed discharge screw

2 BATCH CONVEYOR

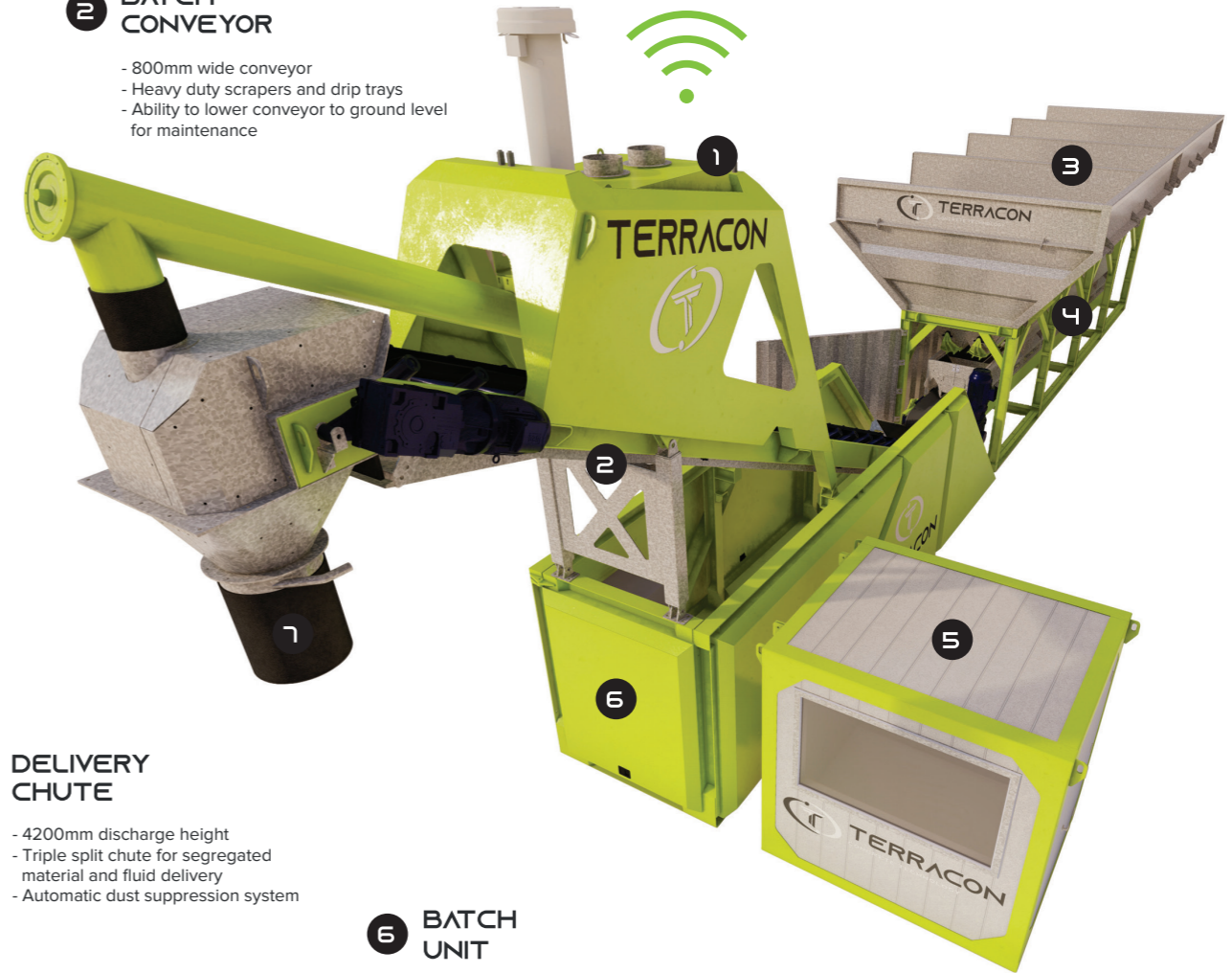
- 800mm wide conveyor
- Heavy duty scrapers and drip trays
- Ability to lower conveyor to ground level for maintenance

3 AGGREGATE HOPPERS

- 60 m³ combined storage capacity
- Positioned for direct shovel loading or ground level loading system
- Galvanized hoppers and extensions

4 AGGREGATE WEIGHING CONVEYOR

- 5m³ weighing capacity
- Variable speed controlled for optimized performance
- High accuracy tension load cells
- Dust sealed conveyor
- Galvanized hopper complete with steel wear liners



7 DELIVERY CHUTE

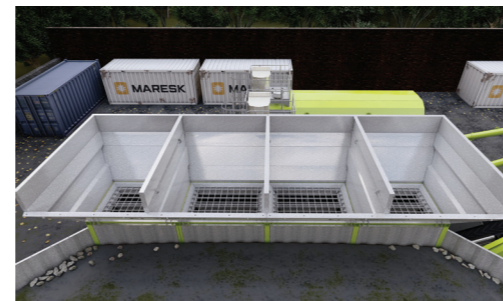
- 4200mm discharge height
- Triple split chute for segregated material and fluid delivery
- Automatic dust suppression system

6 BATCH UNIT

- Heavy duty fabricated chassis
- Interlocked service doors
- Enclosed pump station with pulse meter, in-line filter and drain down valves
- Air unit equipped with 7.5kw screw compressor and dryer

5 CONTROL CABIN

- Insulated control cabin with heater/AC
- Command Alkon control system
- Desktop PC and manual batch console
- Fully enclosed control panels



COMMAND ALKON SYSTEM

- Improved production speeds
- Reduced load times by as much as 30%
- Reduced waste
- Consistent quality

RAPID DEPLOYMENT

- Pre-wired, pre-plumbed, factory built and tested to ensure you are up and running in the shortest possible time

BUILT TO LAST

- Galvanized hoppers and chutes along with integrated wear protection plates for long service life

CEMENT STORAGE OPTIONS

- A range of horizontal and vertical cement storage silos are available
- Individual storage capacities from 35 - 100 tonne
- Silos come fully equipped with safety systems, maintenance platforms and screw conveyors

TRANSPORT AND ASSEMBLY

- The compact assemblies have been designed for economical transport

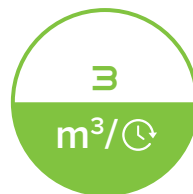
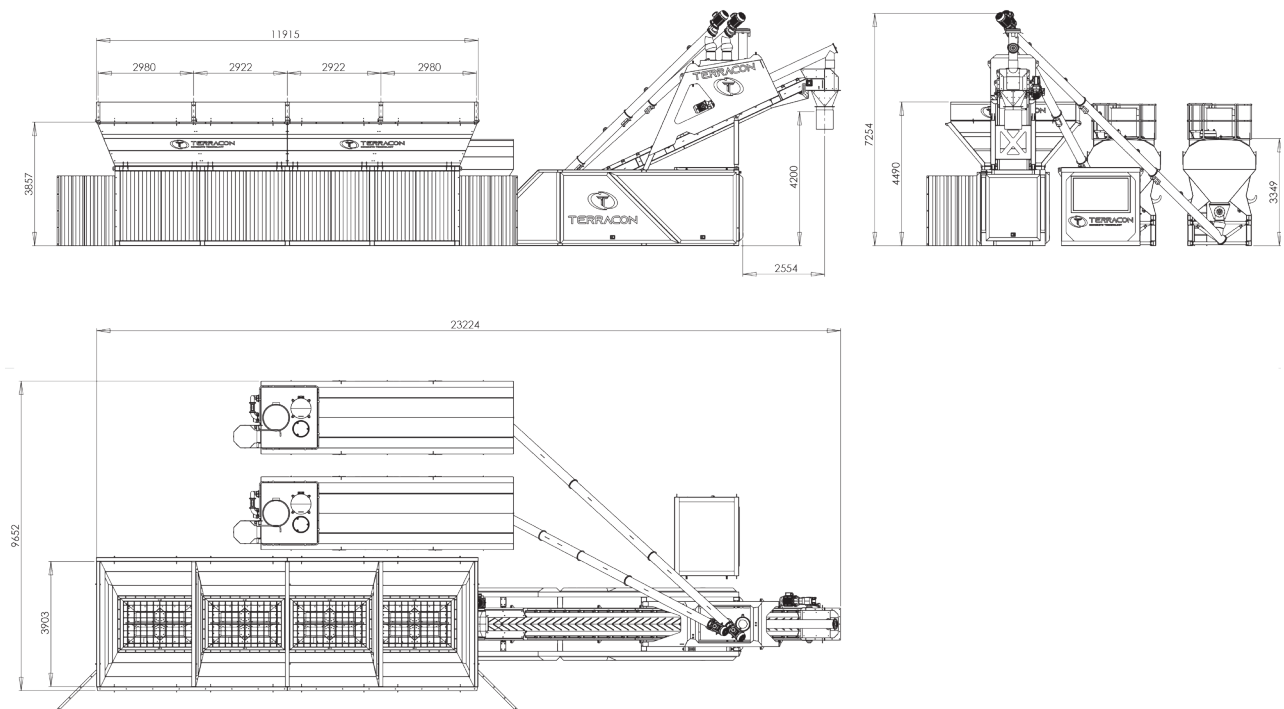
SAFETY FIRST

- The DB3000 has a fully enclosed batch unit with interlocked service doors to eliminate the risk of worker entry while the plant is operational

TECHNICAL DATA

DB3000

Theoretical production capacity	120 m ³ /h
Capacity per batch	3 m ³
Aggregate hoppers	4 - 6
Aggregate storage capacity	60 m ³
Cement silos	1 - 4
Control system	Command Alkon
Admixtures	1 - 4
Transport units	2 - 6 x 40' HC Containers



TERRACON

TERRACON LTD

Unit 5 Derryloran Business Park
Cookstown | Co. Tyrone | BT809LU

+44 (0) 7791888737

info@terracon.co.uk
www.terracon.co.uk