MCT Italy S.r.l., 06084 Bettona, Italy

Continuous innovation for the Australian market

Westbuild is an independent, family-owned company based in Perth and a proud supplier of packaged building products to Western Australia for over 35 years. The company aims to meet and exceed standard performance requirements for Australian building products and packaged building supplies by continually reinvesting in product development and world-leading manufacturing processes. This innovation and an ongoing commitment to our product offering has seen Westbuild introduce better packaging, being the first company to introduce Rainproof bags into the Australian marketplace for packaged building products.

Whether it be setting a post in high strength concrete, levelling or repairing a floor, or installing premium stone or porcelain tiles, Westbuild can offer diverse and innovative products range of quality dry mix and packaged building supplies, all over Australia.

Westbuild boasts the widest range of easy-to-use dry-mix products, as well as building, landscaping and DIY products:

- Dry-Mix Concretes and Building Mortars
- Tile Adhesives, Flexible and Architectural Grouts
- Floor Levelling and Screeding Products
- Repair Mortars and Compounds
- Waterproofing
- Primers, Modifiers and Extensions

Remarkable Batch Plant arrangement

Perth based construction material supplier Westbuild is one example of an Australian company that has benefited from MCT Italy's technology. The company purchased a fully customized dry batch plant and form fill and seal machinery which allowed them to replace traditional paper cement bags with rainproof plastic ones.

Fig. 1: (From left to right) Bennett Equipment CEO, Mr. Carl Wildman; Westbuild CEO Mr. Marcus Parlapiano; MCT Italy S.r.l., Australia Sales Director Mr. Falchetti Gabriele; Westbuild Owner & Founder Mr. Tony Parlapiano

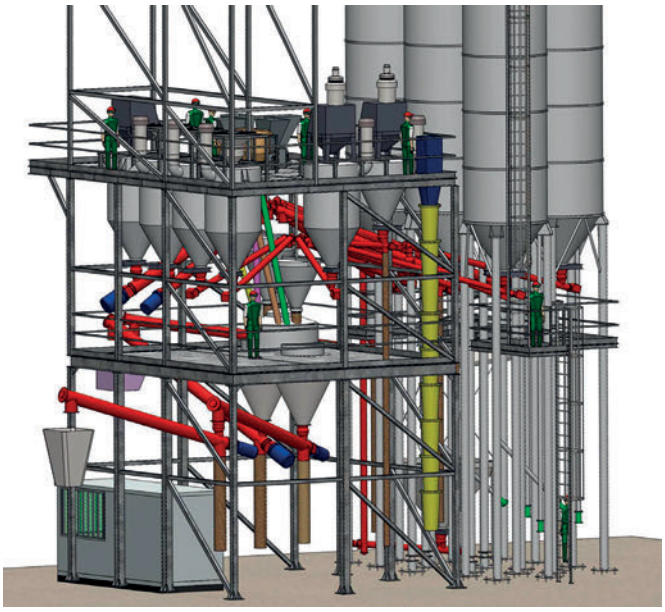

Fig. 2: Customized MCT Italy Batch Plant Engineering Design

Fig. 3 : MCT Italy Batch Plant during installation

The total number of components which can be stored, dosed and mixing is absolutely impressive:

- 6 Additive Hoppers with automatic bag openers (Example of components: Hydrated Lime, Carbonate, Rubber Crumb, Redispersible Powder)
- 5 Silos (Sands, Middle Slag, Creme HE, Ultra Light Creme)
- 4 Micro Dosing Systems for Coloured Powders
- 3 Hoppers for Manual addition

The tower plant also includes a high speed mixer 1080 / 750 with double discharge gate for feeding of two bagging line: it can guarantee a hourly production of 15 ton/hour.

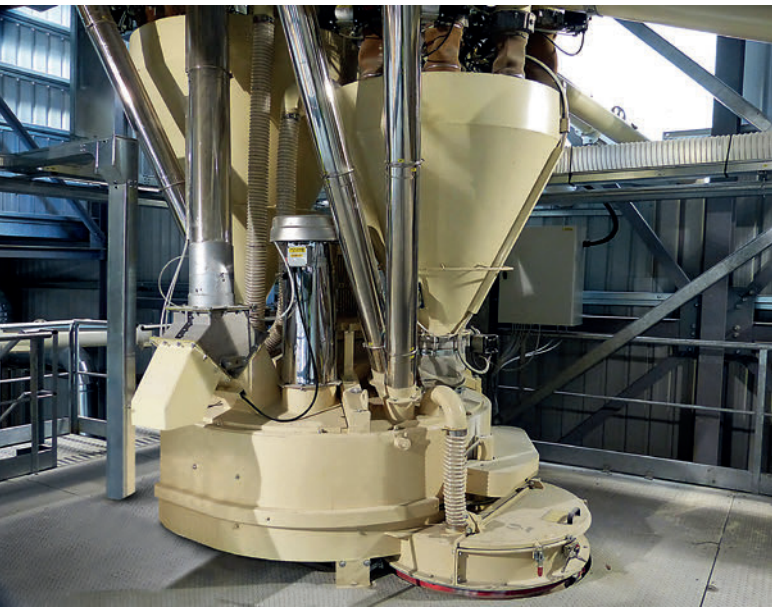

Fig. 4: Planetary mixer 1080 / 750

mct ITALY
Marcantonini Concrete Technology

WORLDWIDE LEADER
Customized Concrete Plants, Distribution Systems & Automation Controls since 1967

MCT ITALY SRL
Via Perugia, 105 - 06084 Bettona (PG) Italy
Tel.: +39 075 988.551
Mail: mail@marcantonini.com
www.marcantonini.com

Fig. 5: Water proof Bags

Fig. 6: Palletizing Line

Westbuild's production plant is a newly commissioned, modern facility with a high level of industrial intelligence and a high capacity to cater for private label and branded contract packaging partners.

The system can dose, batch and mix up to 800 bags (from 5kg up to 30kg bags) per hour and includes a single screw weigher and palletizer. It is also equipped with devices that compact the product into square shaped sacs to optimize the palletization.

Industrial Intelligence

The high level of industrial intelligence supplied by MCT Italy software named Compunet, is the guarantee for an assured confidentiality: most of the customers and partners do not want to reveal the mix design, thus they are protected by non-disclosure agreements which proves Westbuild's excellence in security and privacy.

MCT Italy Integrated Automation allows Westbuild to constating check the report, to store data collected on receipt of raw materials, to control production data and final bagging control. The automation control generated reports will be available to Westbuild Quality Department at the finalisation of each production cycle. In details the services guaranteed are:

- Westbuild remote-monitoring service
- Automatic date-stamping and batch numbers
- Computerised batch records
- Physical samples from each batch, as required

Top support from MCT Italy

Mr. Marcus Parlapiano founder's son, adds that the flexibility to allow different mix designs to be handled with all settings

Fig. 7: MCT Italy Batch Plant Overview

changed automatically has saved a significant amount of time on short job runs as well. "The teleservice gives us the reassurance that MCT Italy's technicians in Italy can resolve any small problems quickly. The line was delivered on time and it was installed and commissioned without any problems. We expected a lot from MCT Italy and we haven't been disappointed."

Re-investment in production

Mr. Tony Parlapiano, Founder and Owner at Westbuild affirmed: "It is re-investment in production that ensures we supply to the market at the best possible price". Not only is efficient manufacturing important to Westbuild, but so is the efficiency and quality of the packaging we use to distribute, market and present the products. "We constantly work with our supply partners, to ensure our products are packaged well whilst also working towards increasing recycled material content, down gauging and all the while sustaining stronger and more flexible solutions".

Mr. FalchettI Gabriele, Australia Sales Director affirmed: "We have been called upon to manufacture a fully customized plant with impressive level of automation. With our modern and efficient solutions, we are proud to be the 'manufacturing arm' for our clients who demand strict, accurate and consistent production facilities. This is a clear example of World Class Practice meeting local knowledge". ■

FURTHER INFORMATION

Westbuild Innovative Building Products
67 Hartman Dr, Wangara WA 6065
Perth, Western Australia
customerservice@westbuildgroup.com
www.westbuildgroup.com

MCT Italy S.r.l.
Via Perugia 105
06084 Bettona, Italy
mail@marcantonini.com
www.marcantonini.com

Intelligent Formwork Systems

Staircase moulds

Moulds for beams and columns

Tilting tables and special designed moulds

Address: HOWAL GmbH, Am Reutgraben 4, D-76275 Ettlingen-Ew.
Mailing address: HOWAL GmbH, Postfach 417, D-76258 Ettlingen
Phone: +49 (0)72 43-9 49 73 - 0
Fax: +49 (0)72 43-9 06 45
Internet: www.howal.com
Email: info@howal.com

HOWAL GMBH