

REFERENCE LIST

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MODULAR GRINDING SYSTEMS PLUG&GRIND®



2018

CRH DUNBAR
DUNBAR
UNITED KINGDOM
-EPC-

- 1 Vertical Plug&Grind unit with a production capacity of 450.000 t/y: VRM OK-37.3 and 1,300kW installed power at mill shaft.
- Scope of supply includes retrofitting of the existing feeding infrastructure as well as the cement pneumatic transport into the existing storage silos.

2022

Confidential Client

2 Units x Mali

- 2 Plug&Grind XTREME units with a production capacity of 350.000 t/y: ball mill Ø3,2 x L11,5m and 1,600kW. XP4i separator for production of high Blaine cements.
- Scope of supply includes equipment for raw material handling 3 Silos and Expedition facilities – rotopacker plant and truck loading systems.

**CEMENTOS SANTO DOMINGO
DOMINICAN REPUBLIC**

- 1 Plug&Grind XTREME unit with a production capacity of 390.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements.
- Scope of supply includes conveying and handling equipment to transport raw materials from plant storage areas.

2021

CONFIDENTIAL CLIENT

AFRICA

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y of cementitious materials. Grinding circuit fits a ball mill Ø 3,2 x 11,5 m and 1,600kws XP4i separator for production of high Blaine additives for cement blending.

2020

**GEOFORTIS
UTAH
USA**

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y of cementitious materials. Grinding circuit fits a ball mill Ø 3,2 x 11,5 m and 1,600kws XP4i separator for production of high Blaine additives for cement blending.
- Scope of supply includes conveying and handling equipment to transport raw materials from plant storage areas.

**SABSON GROUP
YEMEN**

- 1 Plug&Grind XTREME unit with a production capacity of 390.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements.
- Scope of supply includes conveying and handling equipment to transport raw materials from plant storage areas.

2019

BIGBOSS CEMENT ANGELES PHILIPPINES

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements.
- Scope of supply includes engineering for raw material storage hall and finish product storage hall, supply of 2 steel storage silos as well as equipment for cement handling equipment and a 8 spout packing machine with loading system.

AFRICA CEMENT GHANA AFRICA

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of fine Blaine cements for high strength cement applications.
- Scope of supply includes equipment for raw material transport from client's storage halls, cement handling equipment and steel storage silos as well as dispatching facilities for bagging and palletising.

2018

CIMENTS DE L'AFRIQUE LIBREVILLE GABON

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements for special cement applications.
- Scope of supply includes equipment for raw material transport from client's storage halls, 2 steel storage silos as well as interconnection to existing dispatching facilities.

CEMENTOS MELON PUNTA ARENAS CHILE

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements for special cement applications.
- Scope of supply includes equipment for raw material transport from client's storage halls, cement handling equipment to transfer cement to client's storage silos.

UNACEM OTAVALO ECUADOR

- 1 Plug&Grind XTREME unit with a production capacity of 350.000 t/y: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator for production of high Blaine cements for special cement applications.
- Scope of supply includes retrofitting of the existing feeding infrastructure as well as the cement pneumatic transport into the existing storage silos.

CEMENTOS MELON
PUERTO MONTT
CHILE

- 1 Plug&Grind XTREME unit with a production capacity of 250.000 t/y of high Blaine cements for structural applications: ball mill Ø 3,2 x 11,5 m and 1,600kW. XP4i separator and bag filter for 50.000 m³/h.
- Scope of supply includes retrofitting of the existing feeding infrastructure, new feed hoppers for clinker and additives as well as a cement pneumatic transport upto the existing storage silos.

2022

CONFIDENTIAL CLIENT
SOUTHERN MOROCCO

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes equipment for raw material handling, conveying system of finished product.

2020

TTSUD
TANGER
MOROCCO

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes equipment for raw material transport from client's storage halls, cement handling equipment, 2 steel storage silos as well as dispatching and bagging facilities.

2019

CEMENTOS PRIMA
MATARANI
PERU

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes equipment for raw material transport from client's storage halls, cement handling equipment for transfer and steel storage silos as well as dispatching facilities for cement bags.

CATSA
MEXICO

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes equipment for raw material transport from client's storage halls, cement handling equipment, 2 steel storage silos as well as dispatching and bagging facilities.

2017

CEMENTOS BIO BIO
ARICA
CHILE

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes 1 new steel silo for cement storage and containerised packing equipment.

CEMENTOS PROGRESO SAN PEDRO SULA HONDURAS

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes 1 new steel silo for cement storage and containerised packing equipment.

CEMENTOS PROGRESO IZABAL GUATEMALA

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes 1 new steel silo for cement storage and containerised packing equipment.

CEMENTOS ARGOS SAN PEDRO SULA HONDURAS

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes 1 new steel silo for cement storage and containerised packing equipment.

INVERCEM TRUJILLO PERU

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes new steel silos for cement storage and containerised packing and expedition equipment.

NDOVU CEMENT ATHI RIVER KENYA

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes new steel silos for cement storage and dispatching equipment.

2016

LAFARGEHOLCIM LAAYOUNE MOROCCO

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes new cement storage silos for finished product, packing and dispatching equipment.

2015

CEMINDO GEMILANG 2 x MEDAN + 1 x BENGKULU INDONESIA

- 3 Plug&Grind XL units with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
- Scope of supply includes electrical Sub-stations to feed the new P&G unit and cement transfer infrastructure to new cement silos.

CEMENTOS FORTALEZA
TULA
MEXICO

2014

CHINGITTI CEMENT
NOUAKCHOTT
MAURITANIA

- 1 Plug&Grind XL unit with a production capacity of 220.000 t/y: ball mill Ø 3,0 x 9,5 m and 1,100kW; bag filter for 50.000 m³/h.
 - Scope of supply includes new cement silos for cement storage and dispatching equipment.
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- Plug&Grind XL Cement grinding plant with a production capacity of 220.000 t/y: ball mill Ø 3.0 x 9,5 m and 1100kW; bag filter for 50.000 m³/h.
 - Scope of supply includes 4 steel silos for cement bulk dispatching and packing facilities of upgraded capacity.

2019

CEMENTOS ANCAP MINAS URUGUAY

- Relocation of Plug&Grind® mill unit and extension with a new cement transport system to existing silos.
- Scope of supply includes revamping of existing clinker storage hall at Minas Plant to fit the new dosing bins for the feeding of CEMENGAL's P&G® modular mill, as well as extension of electrical and automation equipment at the P&G® modular electrical room.

2018

GRUPO IND. MONTERREY PUERTO DE ACAJUTLA EL SALVADOR

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y: ball mill Ø 2,2 x 9,0 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes 2 new steel silos for cement storage and containerised packing equipment.

2017

CEMENTOS PROGRESO BELMOPÁN BELIZE

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y: ball mill Ø 2,2 x 9,0 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes 1 new steel silo for cement storage and containerised packing equipment.

2016

EGIN SA DOUALA CAMEROON

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y: ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes the complete electrical infrastructure as well as the necessary equipment for dispatching of bagged cement.

CEMENTO REGIONAL PUERTO QUETZAL GUATEMALA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y: ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes 2 steel silos for cement storage and dispatching equipment.

2015

CEMENTO VALLENATO VALLEDUPAR COLOMBIA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes electrical Sub-station to feed the new P&G unit and cement transfer infrastructure to existing silos.

CEMENTOS ANCAP MINAS URUGUAY

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h. Upgrade of grinding capacity at an existing plant
- Scope of supply includes electrical Sub-station to feed the new P&G unit and cement transfer infrastructure to existing silos.

COMPANIE NATIONAL DE CIMENT DAKHLA, MOROCCO

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h. Scope of supply includes electrical Sub-station to feed the new P&G unit and cement transfer infrastructure to existing silos.
- Scope of supply includes electrical Sub-station to feed the new P&G unit and cement transfer infrastructure to existing silos.

2014

LAFARGE NDOLA ZAMBIA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes electrical Sub-station to feed the new P&G unit and cement transfer infrastructure to existing silos.

SAUDI READYMIX CONCRETE CO DAMMAM, SAUDI ARABIA

- 1 Plug&Grind Classic unit with a production capacity of 60.000 t/y of GGBFSlag; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.

COMPANIE NATIONAL DE CIMENT NOUADIBHOU, MAURITANIA

- 1 Plug&Grind Classic unit with a production capacity of 100.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h.
- Scope of supply includes 4 steel silos for cement bulk dispatching and packing facilities of upgraded capacity.

2013

CEMENTO INTEROCEÁNICO CHIRIQUÍ, PANAMA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h, packing unit.
- Scope of supply includes new electrical sub-station from existing network to feed the new unit and 2 steel silos for cement bulk dispatching and packing facilities of upgraded capacity.

KAMPALA CEMENT NAMATABA UGANDA

- 2 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h, packing unit.

NDOVU CEMENT ATHI RIVER KENYA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h, packing unit.

2012

MOMBASA CEMENT MOMBASA KENYA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h, packing unit.

SAUDI READYMIX CONCRETE CO DAMMAM, SAUDI ARABIA

- 1 Plug&Grind Classic unit with a production capacity of 90.000 t/y; ball mill Ø 2,2 x 9,5 m and 500kW; bag filter for 25.000 m³/h, packing unit.