

Our Products



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Crusher-rotor

Project	Material for the end shaft	Material for the hammer plate
CEMEX COLOMBIA	42CrMo	16Mn
ТехПромМетСнаб	40Cr	ZG270-500



Hammer

Material	Project
ZGMn13Cr2	CEMEX COLOMBIA

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Apron feeder

Project	Capacity
DOMICEM R. Abud	150 t/h
CEMEX COLOMBIA	200 t/h

Stacker & Reclaimer

Project	Capacity
SPI Biskria	100-2000 t/h
BUA Cement PLC	200-3000 t/h
PPC Cement SA	100-2000 t/h
GICA ZAHANA	200-3000 t/h
BUA EDO cement	200-1500 t/h



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Vertical mill roller



Vertical mill tyre



Loesche Tyre



Pfeiffer Tyre 5300 BC

Vertical mill liner Atox50



High Chromium



Ceramic Type

Project	Parameter
LAFARGE EWEKORO	Φ2200*1500

Project	Material
LAFARGE Poland	Composite ceramics

Project	Material
LAFARGE EWEKORO	FMU11
Lafarge Industries South Africa	ZG0Cr5Mo

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Preheater-Dip Tube

Project	Material
PPC Cement SA	ZG35Cr24Ni7SiNRe
Devnya Cement	ZG40Cr25Ni20Si2
CILAS SPA	ZG45Cr27Ni6SiNRe
BUA EDO cement	ZG45Cr28Ni6Re



Air Blaster

Project	Parameter
DOMICEM S.A.	100L;3-10BAR
LAFARGE EWEKORO	100L;6-8BAR
HOLCIM Ambuja Cements Limited	100L;5-15BAR



Flap valve

Project	Parameter
ANTEA CEMENT S.A	DN650
DOMICEM S.A.	DN550
LAFARGE EWEKORO	DN650
BUA EDO cement	DN650



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Kiln-Shell

Project	Parameter	Material
HOLCIM USA	$\Phi 4400 \times 2600$ t=65mm	16Mo3
CEMEX COLOMBIA, S.A.	$\Phi 3505 \times 1630.8$ mm t=50mm	Q345R
LAFARGE MFAMOSING CEM PLANT	$\phi 5000 \times 2000$ t=50mm & $\phi 5000 \times 3150$ t=40mm;	Q345R
HOLCIM Ambuja Cements Limited	$\Phi 4000 \times 3700$ t=60/40mm	Q345R
HOLCIM Cement Australia	$\Phi 3940 \times 12400$ t=32mm	Q345R

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Kiln-Tyre

Project	Parameter	Material
HOLCIM (TEXAS)	$\Phi 5320/\phi 4591$ W=800	28Mn6
LAFARGEHOLCIM MAROC	$\Phi 5800/\phi 4840$ W=950	28Mn6



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Girth Gear

Projet	Parametre	Materiau
CEMEX S.A.B. DE C.V	Ø6654x2351mm HB265~302	ZG35CrNiMo6
CEMEX COLOMBIA, S.A.	Ø4130x1800mm HB265~302	ZG40CrNi2Mo
Lafarge BFC d.o.o.	Ø6979.884X650mm HB290~330	ZG35CrNiMo6

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Kiln- Support Roller

Project	Parameter	Material
LAFARGE EWEKORO	Φ2100*900	ZG42CrMo
Lafarge Cement Hungary	Φ1600*810	ZG42CrMo
LAFARGE MFAMOSING	Φ2100*1000	ZG42CrMo



Kiln Hydro Thrust Roller

Material	Parameter	Project
ZG42CrMo	Φ1300*950*1046	BUA Cement PLC
ZG42CrMo	Φ2350*2400*1150	CILAS SPA
ZG42CrMo	Φ1957*850*830	CEMENTOS SAN MARCOS S.A.S.



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Cooler-Crusher Roller

Project	Material
HEIDELBERG CEMENT TULA	300CrNiMo26
HEIDELBERG CEMENT CESLA	ZG40Cr27Ni4Si2
LAFARGE ZAMBIA PLC	300CrNiMo26
HEIDELBERG CEMENT TULA	300CrNiMo26



Cooler-Grate Plate

Project	Capacity
Holcim (Argentina) S.A.	3500~4000t/d, 4 rollers; Working width: 3100
CEMEX COLOMBIA, S.A.	4000t/d, 3 rollers, Working width:4200
LAFARGE MFAMOSING	3800t/d, 3 rollers, Working width:4000
Holcim (Argentina) S.A.	3500~4000t/d, 4 rollers; Working width: 3100



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Ball Mill-Shell

Project	Specifications
Lafarge BFC d.o.o	$\Phi 3 \times 10\text{m}$
UNACEM EC	$\Phi 2.4 \times 10\text{m}$



Ball Mill-Trunnion

Project	Specifications	Material
REPUBLIC CEMENT	$\Phi 4270/\Phi 1350 \times 1537$	ZG20Mn
Lafarge Industries South Africa	$\Phi 3420/\Phi 1386 \times 1727$	ZG230-450
CEMEX S.A.B. DE C.V	$\Phi 4100/\Phi 1480 \times 1826$	ZG20Mn

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Rolling Machine Roller

Project	Parameter	Material
LAFARGE EWEKORO	Φ1700*1200	42CrMoA



Air Separator-Rotor

Capacity	Project
Φ2100*1285	CHR PRJSC MYKOLAIV
Φ2200*1345	LAFARGEHOLCIM MAROC
Φ2500*1390	LAFARGEHOLC RAGUSA

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Reducer of Vertical Mill

Project	output
Holcim Ecuador S.A.	4000KW
LAFARGE EWEKORO	2200KW
LAFARGE ZAMBIA PLC	3000KW



Reducer

Power	Project
1800KW	LAFARGE EWEKORO

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Capacity	Project
rated voltage: 6.6KV 50.5 Hz	LAFARGE EWEKORO
rated voltage: 6.6KV 50Hz	BUA Cement PLC
rated voltage: 6KV 50 Hz	Bamburi Cement NAIROBI GRINDING PLANT

Frequency Convertor

Transformer

Project	Parameter
Lafarge Industries South Africa (Pty) Ltd	SZ11-25MVA-132-6.6 kV, Dyn5
Lafarge Iraq Plant	SCB10-2000/6.6/0.4KV, Dyn5
Lafarge Cauldon Plant	ZSCB10-630/11/0.72KV, Dyn11
CILAS SPA	ZPSG-3500KVA/11/0.75*15KV



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MV Motor

Project	Power	Tension
LAFARGE EWEKORO	4100kw	6.6kV
BUA Cement PLC	1800KW	6.6kV
DOMICEM R. Abud	3100KW	6.6kV
LAFARGE EWEKORO	6500KW	6.6kV
BUA Cement PLC	560KW	6.9kV
DOMICEM R. Abud	560KW	6.9kV

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Chain

Project	Pitch
Philippines GOODFOUND	300mm
EDO cement Company Ltd	280mm



Sprocket

Diameter	Project
Φ820	BUA Cement PLC
Φ780	CRH PRJSC MYKOLAIV
Φ930	LAFARGEHOLCIM MAROC



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belt

Project	Parameter
Holcim Philippines	B1200*15M
LAFARGE EWEKORO	B1200*12M

Idler

Project	Parameter
Tanga Cement plc	108*342
BUA EDO cement	108*500
Holcim Philippines	133*380

roller

Project	Parameter
LAFARGE MFAMOSING	1000*2000mm
Holcim Ecuador S.A.	650*1600MM

Rainproof cover

Project	Parameter
LAFARGE ZAMBIA	B=800
LAFARGE EWEKORO	B=1200
LafargeHolcim Bangladesh	B=1000

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Filter Bag

Project	Parameter
LAFARGE EWEKORO	D160x8000mm
BUA Cement PLC	D160*8000mm
Tanga Cement plc	D160*4500mm

Filter Cage



Project
LAFARGE EWEKORO
BUA Cement PLC
Tanga Cement plc

Reverse Engineering



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3D scanner

Accuracy can reach $\pm 0.02\text{mm}$



Fluorescence analyzer

Analyze spare parts materials



tools for measurement

measurement by staff

Reverse Engineering



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Technical Upgrading



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CBMI has carried out modifications for many cement lines which were in good operation and achieved high praise.



Kiln Shell for Holcim Zambia



Tyre for Holcim Zimbabwe



Girth gear for Holcim Kenya