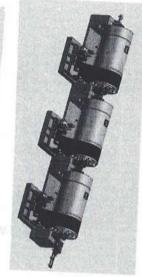
Brief

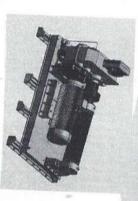
石加入装置,每个单元有独立的转速和球石级配,将研磨到 一定细度的泥浆送到下一个单元继续球磨。 一般由2或5个单元组成,総有独立的驱动(变频)和球

milling ball gradation for different unit. milling ball loading device, different rotation speed and 2~5 units, independent drive (inverter control) and





Advantages

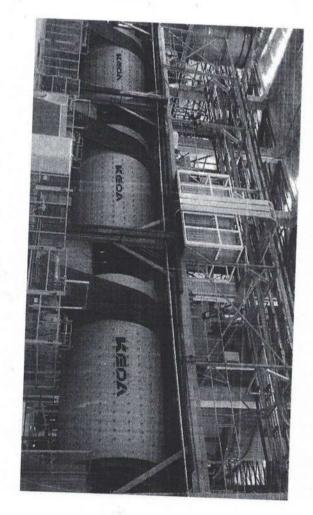


High efficiency,
 More than 20% power saved,
 Small space occupation,

Even density of sturry, stable, high output.
 Full automatic control, labor force saved.

○ 节约能源,电力消耗下降 20% [X上。 ○ 节约场地面积。

○ 出浆液度均匀、稳定、产量大。 ○ 整套设备采用全自动控制,节省人力。 ○ 研磨效率高。

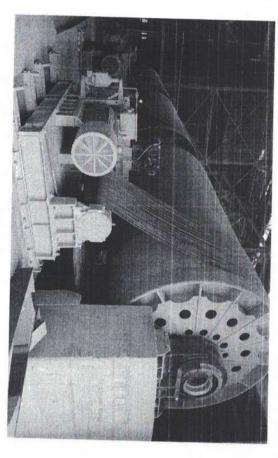




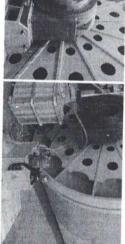




空间系统人机界面 HMI of control system



连续式球磨机 Continuous ball mill



减速机风冷系统 Reducer air cooling system

98

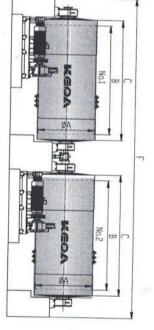
中间连接鉴 Intermediate connection device

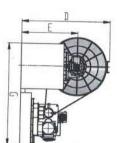




▼ 技术参数 Specifications

東韓印料	周	所yeday
25N-45×2	25N	25N-45×3
315×2	4	315×3
9-15		9-15
50000×2	55	50000×3
Ф3200×6200×2	Ф3200	Ф3200×6200×3
KDM50×2	6	KDM50×3





☑ 外形尺寸 Dimensions

	STAND	CONT.	SMCS	KDMS	KDM5	PMCN	NO N	Model
	37.3	200	5 Y3	CX.	OX2	UX3	200	i i
	t.	2	2 2	۵	2	60	2	单元数 Module qty.
	65000	00000	90000	5000	50000	40000	40000	報元書校(L) Module volume
	3500	3500	3200	200	3200	3000	3000	(mm)
	6800	6800	6200		6200	5800	5800	(mm)
	7500	7500	5800	00000	6800	6300	6300	(mm)
	5200	5200	5020	0020	5030	4820	4820	(mm)
	3200	3200	3200	3200	2000	3100	3100	(mm)
-	GUSPE	19850	27700	00081	2000	26400	17750	(mg)
and a	6370	6370	5930	5930	2000	coes	5300	(mm)



合计容积 Total volume 合计功率 Total power

1760 285

2160 350 65

单元5 Unit 單元4 Unit

65

65

@3500°6250 Ф3500°6250

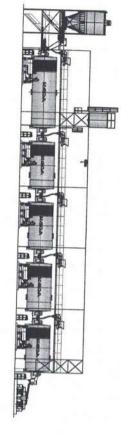
400 400

9-13

8

9-13

50 50 50 55



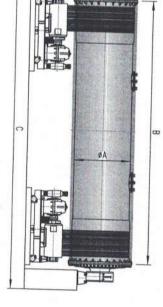


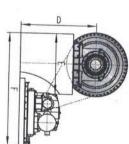
简体内部设置 | 霎或 2 套陽板,形成 2 个或 3 个仓室,标准配 本系列球棄机主要用于对陶瓷还料进行连续显法球磨。 置采用橡胶内衬。

KSM 系列连续球磨机 KSM SERIES CONTINUOUS BALL MILL

ceramic raw material. The ball mill series is mainly used for continuous milling of the 1-2 set of separating board is set inside the cylinder to form 2-3

chambers, usually rubber lining is configured.





超大字量 4 联体 /5 联体连续排索机 4~5 modUles continuous Ball mill~ super high output

☑ 技术参数 Specifications 顯元 3 Unit 學元 2 Unit Model 容权 Volume (m²) KDM285 65 65 90 器包 Volume (m²) KDM350 65 65 98 @3500*6250 Ф3500*6250 \$3500*9650 簡体内尺寸 Inner size (mm) 功率 Power (kw) 400 400 560 9-13 製練 Speed (rpm) 9-13 9-13

股幣 Belt (pcs)

☑ 技术参数 Specifications

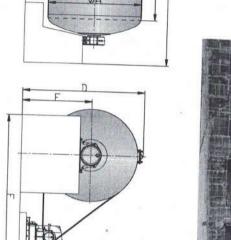
	3000	3500	16700	14200	3000	72.5	00	0000
-	900				The state of the s	The state of the s	3 4 400	CSM100
3	2005	3500	15300	12800	3000	12.5	2×355	KSM90
ō	260	3500	15500	13000	2800	14	27310	- Compa
ŏ	260	3500	13900	000-11	2000		2007	NSMSN
1	-	20128		44400	OUSC	72	2×250	KSM70
ŏ	250	3500	13800	11300	2600 '	16	2×250	NSMBO
ŏ	250	3500	12000	Once	CONT.			VOLLEGO
-					2000	2	2×200	KSM50
ŏ	230	3000	13100	10600	2200	100	1×315	NOW140
3	(mm) ==	(mm)	(mm)	(mm)	(mm)	Mill speed	Motor power	item

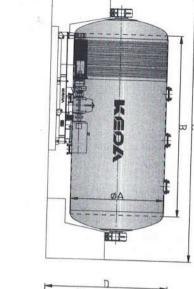
BM 经典系列球磨机 BM CLASSICAL SERIES BALL MILL

BM 经典系列球磨机作为認法研磨物料用的一种大型研磨设备,适用于建筑勘索、日用陶瓷、卫浴、电瓷、冶金化工等行业。

Heavy duty milling equipment for materials wet milling, suitable for building ceramics, tableware, sanitaryware, etectroceramics, metallurgy, chemical industries, etc.





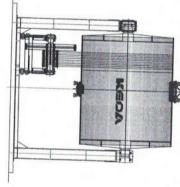


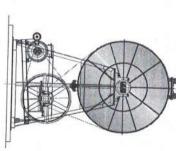
※ 技术参数和外形尺寸 Specifications & Dimensions

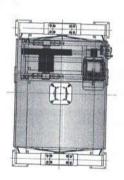
	BM95RE 60	DG SNCRAG	1	BM98RE 60	OD STOCKES		BM95RE 60	DWARKE 90		BM6BRE 40			BM68RE 40	GWOSKE 40	Ω	
October	05500	95500		98000	00088		GUUSE	98000	-	MOUSE	00000	-			oity Volume (L)	
10.2	2	10,2	10,6	100	10.2	10.0	100	10.2	20.00		11.5		11.5	11.5	Rotational speed (r/min)	
355+22	S. Commission of	315+22	C.51 * //62	7000 200	250+18.5	C'01 1027	3	200+18,5	614077		200+15		185+11	160+11	思机功率 Motor power (kW)	
#/#		m / m	1/11/11		-/-	Al/B		■ /N	11日	The state of	1/11/11	Act on the second	1 / 1 / 10 /	N/ 11/1	透用有效	
-		-	I/N		- /~	N/1		2	=		-	ALLA		N/1	E Ball	
4000	000	4000	4000	4000	4000	4000	1000	4005	3600	0000	COURT	3000		3600	(mm)	
7600	7000	7600	7800	7000	7000	7800	7000	7900	6800	0000	2000	6800		6800	(mm)	
11470	07451	92720	11670	0/911		11670	0/011	06.377	10570	0/601	40570	10570		10570	(mm)	
3000	3000		3000	3000		3000	3000		2720	2720		2720	0313	0,000	(mm)	
5260	5260	1	5260	5260	Township of the	5260	5260		4770	4770		4770	4//4	4770	(mm)	
7310	7190	1000000	7180	7180		7090	7090		e230	6220	Story of the	6270	0770	0000	(mgm)	

Tray Tray and Butterfurts # - 高铭 High aluminum # - 橡胶 Rubber IV - 天然石 Natural stone

Belt drive ball mill

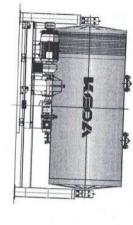


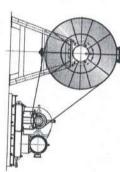


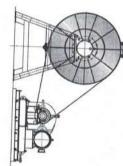


当技术参数 Specifications

整机重量 (t) (不含材) Weight(lining excluded)	型机功率 (kW) Motor power	解体物理 (r/min) Rotational speed	容积 (L) Volume	内数尺寸 (中A×B) (mm) Inner size	機构圖 (t) Capacity	######################################
N	2.2	45	500	800×950	0.2	BMOOSBE
2.5	7.5	30	1600	1200 < 1400	0.5	BM016BE
3.5	15	25	3000	1500 × 1700		BM0308E
<u>4.</u> O1	22	8	5000	150J×2160	1.5	BM050BE
ŏ	30	20	6000	1900×2000	2	вмодове
6.6	37	و	8000	2100×2300	3	BM080BE
a	45	où.	11000	2180×3000	۸.	BM110BE
9.5	55	ಮೆ	12000	2250×3100	5	BM120BE







(11)

1

☑ 技术参数 Specifications

(不含符) Weight(lining excluded)	Motor power	电机功率 (kw)	(t/min) Rotational speed	報律等語	volume	6000	(mm) Inner size	内腔尺寸(ΦA×B)	Capacity		llem
65	37		19		8000		2100×2300		ω		BM080RE
CO ,	œ 45		18		11000		2180 × 3000				BM110RE
9.5	9.5		ŏ		12000		2256 × 3100	- Commission of	5		BM120RE
13.5	75+7.5		17		16000		2250 × 4500		œ		BM160RE
16.8	90+7.5		T.	50000	29000	DOD DOD	SOOT A COOK	-	3	BANGZIME	SCHOOLING

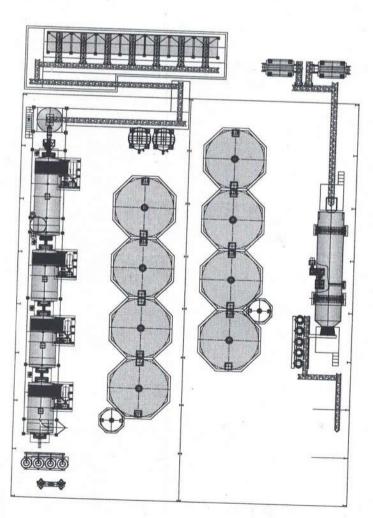
球磨节能解决方案 Ball mill energy—saving solution

科达可以专为客户设计适合的连续球器机的使用方案,并提供全套技术 根据客户的要求和原料的实际情况,依托科达现有的国家认证技术中心,

Offer suitable plan with complete technology service.

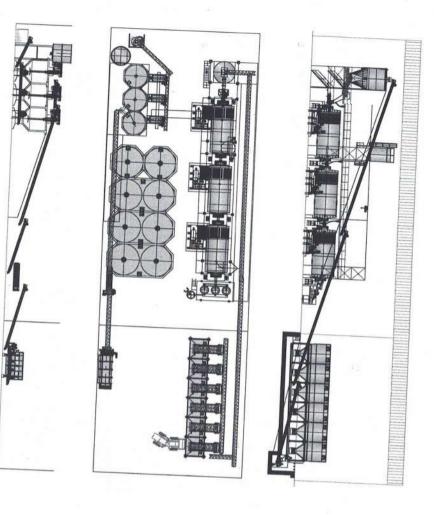
❷ 模式 1: 粘土球磨化浆 + 硬质料直接进连续球磨机 Mode 1: clay milling + hard material feeding directly

- ○超大产量,20~600小时(干料重量)
- 〇 粘土化浆后,与硬质原料一起输送到连续球磨机中,连续研磨得到成品泥浆。 ○ 原料要求: 優医原料粒度小于 5mm,粘土原料易干化浆。
- S Large output, 20-80th (weight of dry material)
- © Rew material property: hard material granule size<5mm, clay easily mix with water.
- After day mixed with water, feed it into continuous ball mill togetherwith hard material, then mill continuously for finished slurry.



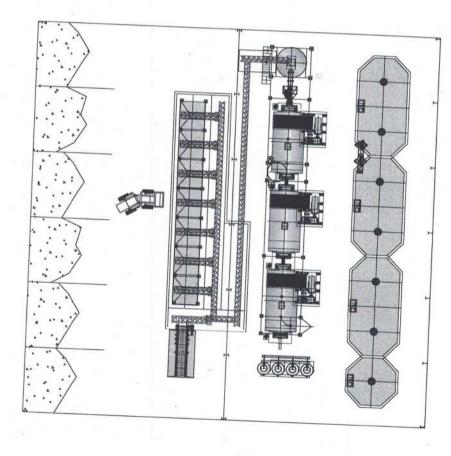
❷ 模式 2:粘土搅拌化浆 + 硬质料直接进连续球磨机 Mode 2: clay stirring + hard material feeding directly

- □ 原料要求:硬氮原料粒医小干 5mm,粘土原料易于化浆。
- 粘土代浆后,与硬质原料—起輸送到连续球磨机中,连续研磨得到成品泥浆。
- Raw material property: hard material granule size
 Smm, clay easily mix with water.
- After day mixed with water, feed it into continuous ball mill together with hard material, then mill continuously



록 模式 3: 所有原料直接进连续球磨机 Mode 3: all raw materials feeding directly

- 原料要求;硬质原料粒度小于5mm,粒度愈小愈有料于提高产量;
- 阜粘土原料:粒度小于50mm,水分小于15%。
- 〇 所有那料通过自动控制的连续顺料机配料,去中转罐,经电子皮带秤定量送到连续铁磨机,研磨得到成品短线,
- Raw material property: hard material granule size<5mm, smaller granule is beneficial to high output.
 Clay: granule size<50mm, water content<15%.
- O After material batching through automatic continuous feeder, all raw materials are conveyed to transfer tank, then Highest automation. conveyed to continuous ball mill through electronic belt scale, and then be milled for finished slurry.

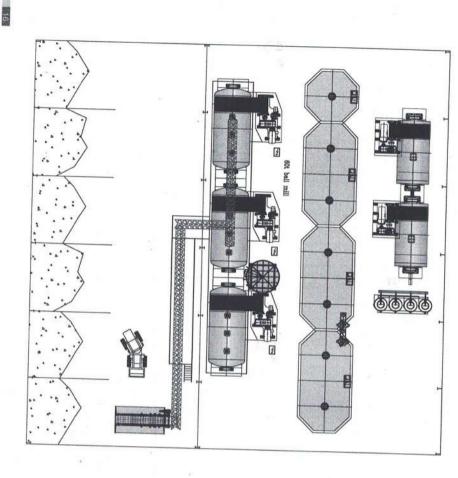


<u>:</u>

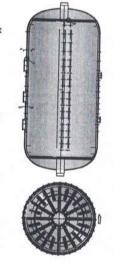
■ 模式 4: 所有原料先粗磨再连续球磨

Mode 4: all raw materials rough milling first, then continuous milling

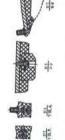
- 适合现有各种原料情况,及不想采用化浆方式和连续喂料机的陶瓷厂。
- 所有原料先经过普通球署至台运的纸度后,再泵送到连续球磨机,研磨得到成品迟紧。
- 现有陶瓷厂,如果采用的是普通球磨机。通过增加连续球磨机、严量可以增加1倍以上。
- © Suitable for all raw materials or ceramics factory that not use slurry homogenation or continuous feader.
- After milling by the common ball mill to certain fineness, the materials are pumped into continuous ball mill for
- O More than one time of output can be increased if continuous ball mill is used.



球磨机内衬 BALL MILL LINING













Signal State of Content

63

2.95

75

3.25 3.35

1100 1000

0.25 0.15 0.15 0.1 0.1

0.015 0.01 1400

85 90 93

3.55

2000

0.01 0.01

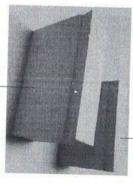
0.05

2000

3,65

高語対策 High aluminum lining tile

中語材度 Mid aluminum lining tile





數珠、查證書托 Wearing Consumption (%/h)

≤ 0.05

≤ 0.02

年担税費 Volume Density (t/m²)

數化館 Alumina (%)

Mid Alumi

中國語 Mid-ligh aluminum

-75

機廠(倉田) Mohs Hardness

7-8 3.0 85

-3.25 7-8

数色

白成象牙白 White or Ivory White

碳纖甸 Dark Brown

封珠寶馬 Lining Brick Consumption (%/h)

≤ 0.02

≤ 0.02

