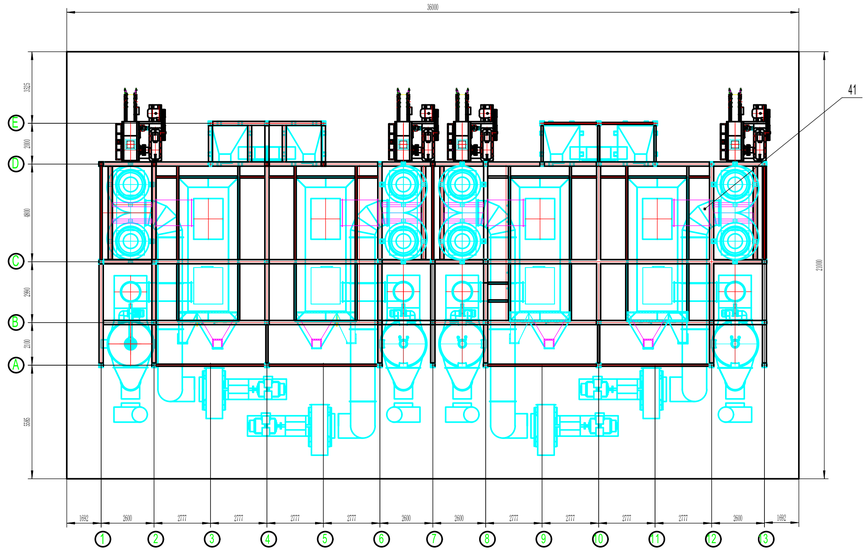
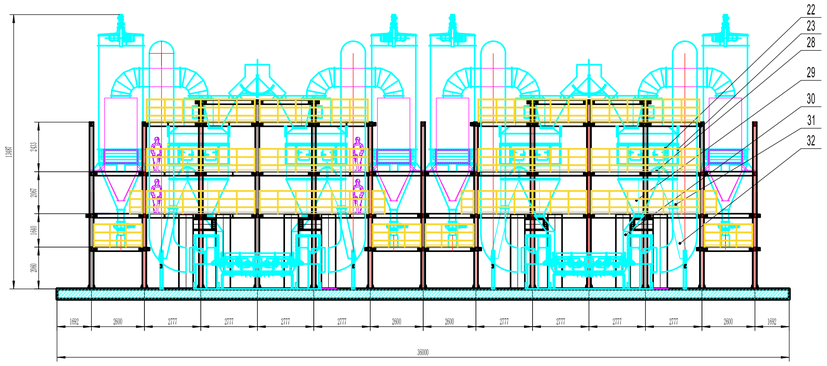
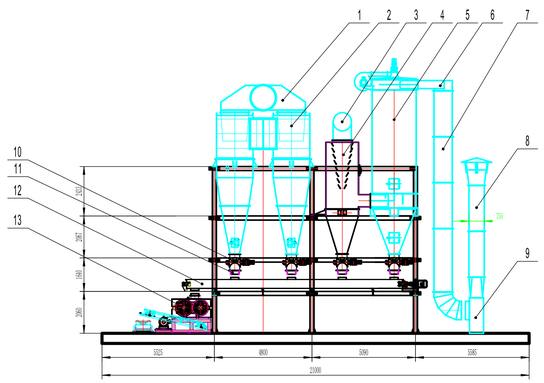
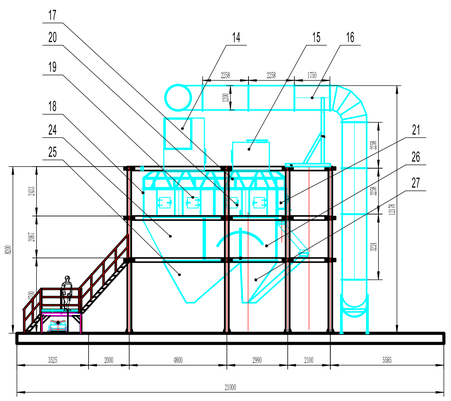


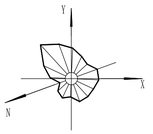


1-2 CUTAWAY VIEW/ VISTA DE CURSO

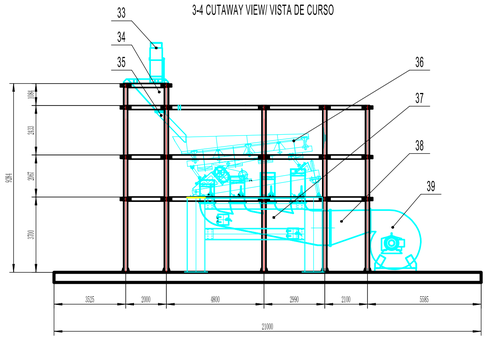


2-3 CUTAWAY VIEW/ VISTA DE CURSO

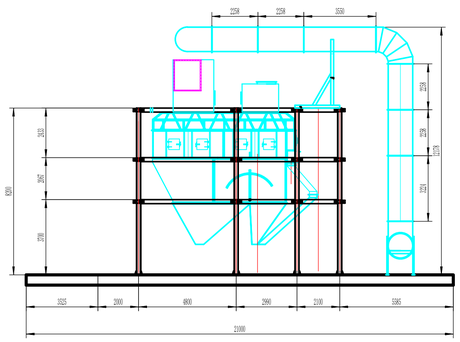




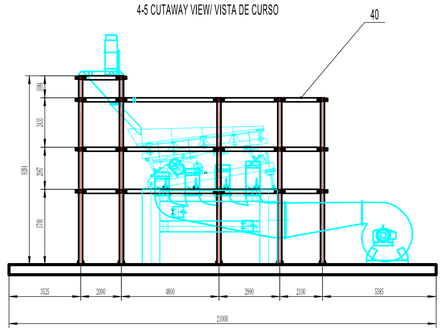
3-4 CUTAWAY VIEW/ VISTA DE CURSO



5-6 CUTAWAY VIEW/ VISTA DE CURSO



4-5 CUTAWAY VIEW/ VISTA DE CURSO



安装顺序及说明：

1. 安装风选机钢构支架，立柱与横梁间采用螺栓连接，螺栓型号为10.9级高强螺栓M24×75，拧紧力矩为1000N.m。
2. 将进风分配室放置于风选机钢构支架中。
3. 安装风选机，风选机前后支腿与钢构支架间采用螺栓连接，螺栓型号为8.8级M20×130，备双母，拧紧力矩为480N.m。
4. 将吸尘罩放置于干选机床面上，并将风机就位。
5. 逐层安装厂房钢构，立柱与横梁间采用螺栓连接，螺栓型号为10.9级高强螺栓M20×50，拧紧力矩为630N.m。
6. 固定吸尘罩，并从上至下安装溜槽，溜槽间采用螺栓连接，螺栓型号为4.8级M12×45，拧紧力矩为45N.m。
7. 安装螺旋、卸料器及除尘设备。
8. 安装风管，风管间采用螺栓连接并加密封条，螺栓型号为4.8级M12×45，拧紧力矩为45N.m。

Installation sequence and instructions:

1. Install steel frame bracket of dry coal machine, bolt connection between column and beam, bolt type is 10.9 grade high strength bolt M24*75, tightening moment is 1000N.m.
2. Place the air distribution room in the steel frame support of the dry coal machine.
3. Install the dry coal machine. The front and rear legs of the dry coal machine are connected with the steel frame bracket by bolts. The bolt type is M20*130 of 8.8 grade, with double nut and tightening moment of 480N.m.
4. Place the dust cover on the surface of the dry coal machine and put the fan in place.
5. Install factory steel structure layer by layer, bolt connection between column and beam is adopted. The bolt type is 10.9 grade high-strength bolt M20*50, and the tightening moment is 630N.m.
6. Fixed the dust cover and installed chute from top to bottom. The chute is bolted. The bolt type is M12 *45 of 4.8 grade and the tightening moment is 45N.m.
7. Install screw, unloader and dust removal equipment.
8. Install the air duct. Bolt connection and encrypted seal are used between the air ducts. The type of bolt is M12*45 of grade 4.8, and the tightening moment is 45N.m.

Sequência de instalação e instruções:

1. Instale o suporte da estrutura de aço da máquina de beneficiamento de carvão, a conexão do parafuso entre a coluna e a viga, o tipo de parafuso é o parafuso de alta resistência M24 * 75 de classe 10,9, torque de aperto é 1000N.m.
2. Coloque a coletor de distribuição de ar no suporte da estrutura de aço da máquina de beneficiamento de carvão.
3. Instale a máquina de beneficiamento de carvão. As pernas dianteiras e traseiras da beneficiadora são conectadas com o suporte da estrutura de aço por parafusos. O tipo de parafuso é M20 * 130 de classe 8,8, com porca e contra porca e torque de aperto de 480N.m.
4. Coloque a capa contra poeira na superfície da máquina de beneficiamento e coloque o ventilador no lugar.
5. Instale a estrutura de aço da fábrica camada por camada, a conexão do parafuso entre a coluna e a viga é feita. O tipo de parafuso é o parafuso M20 * 50 de alta resistência de classe 10,9 e o torque de aperto é de 630N.m.
6. Corrigida a tampa contra poeira, a calha é instalada de cima para baixo. A calha está aparafusada. O tipo de parafuso é M12 * 45 de classe 4.8 e o torque de aperto é 45N.m.
7. Instale o parafuso, o descarregador e o equipamento de remoção de poeira.
8. Instale o duto de ar. A conexão do parafuso e o selo são usados entre os dutos de ar. O tipo de parafuso é M12 * 45 da classe 4.8, e o torque de aperto é 45N.m.

FX-6RA选系统技术参数/Technical parameters of FX-6RA air separation system
Parametros técnicos do Sistema de beneficiamento a ar FX-6RA

最大处理能力/Maximum processing capacity Capacidade Máxima de Processamento	6RA/h
入料粒度/Feeding size Tamanho alimentação	0-45mm
入料外水/Coal moisture 入料外水/ Umidade do Carvão	<11%
占地面积/Area covered Área coberta	36m*21m
鼓风机型号/Blower model Tipo do Soprador	4-73-11, No.11D
鼓风机风量/Air flow of blower Fluxo do ar do soprador	65500-138750m3/h
鼓风机风压/Air pressure of blower Pressão do Ar do Soprador	6956-9458Pa
引风机型号/Induced draft fan model Modelo do Ventilador de Tiragem Induzida	G4-73, No.9D
引风机风量/Air flow of induced draft fan Fluxo de ar do ventilador de tiragem induzida	29035-39825m3 /h
引风机风压/Air pressure of induced draft fan Pressão do ar do ventilador de tiragem induzida	6111-7941Pa

No.	Code number	NAME	QTY	MATERIAL	Single weight	total weight
41	B14-10	旋风进风管 Cyclone inlet duct/Duto de entrada do ciclone	4	组焊件Group weldment	828	3312
40		钢结构 Steel structure/Estrutura de ferro	1	组焊件Group weldment	15000	15000
39		鼓风机 Blower/Soprador	4	组焊件Group weldment	12200	48800
38	B14-3/B14-4	鼓风机出风管 Blower duct/Duto do Soprador	4	组焊件Group weldment	655	2620
37	B13	配气配室 Air distribution room/Sala de distribuição de ar	4	组焊件Group weldment	2684	10736
36		干选机 Dry coal machine/Beneficiadora de Carvão a Ar	4	组焊件Group weldment	13000	52000
35	B12-4	入料溜槽 Feeding chute/Calha de alimentação	4	组焊件Group weldment	220	880
34	B12-2/B13-3	入料缓存仓 Feeding buffer bin/Palheiro de Alimentação	4	组焊件Group weldment	662	2649
33	B12-1	分料溜槽 Distribute chute/Calha de Distribuir	4	组焊件Group weldment	800	3200
32	B12-20/B12-21	溜槽9 Chute9/Calha 9	4	组焊件Group weldment	250	1000
31	B12-18/B12-19	溜槽8 Chute8/Calha 8	4	组焊件Group weldment	600	2400
30	B12-16/B12-17	溜槽7 Chute7/Calha 7	4	组焊件Group weldment	300	1200
29	B12-14/B12-15	溜槽6 Chute6/Calha 6	4	组焊件Group weldment	150	600
28	B12-12/B12-13	溜槽5 Chute5/Calha 5	4	组焊件Group weldment	380	1520
27	B12-10/B12-11	溜槽4 Chute4/Calha 4	4	组焊件Group weldment	400	1600
26	B12-8/B12-9	溜槽3 Chute3/Calha 3	4	组焊件Group weldment	1350	5400
25	B12-6/B12-7	溜槽2 Chute 2,Calha 2	4	组焊件Group weldment	720	2880
24	B12-5	溜槽1 Chute 1,Calha 1	4	组焊件Group weldment	900	3600
23	B11-5/B11-6	侧板6 Side plate 6/Placa lateral 6	4	组焊件Group weldment	50	200
22	B11-3/B11-4	侧板5 Side plate 4/Placa lateral 5	4	组焊件Group weldment	200	800
21	B11-1/B11-2	侧板4 Side plate 4/Placa lateral 4	4	组焊件Group weldment	30	120
20	B11-11/B11-12	侧板3 Side plate 3/Placa lateral 3	4	组焊件Group weldment	260	1040
19	B11-9/B11-10	侧板2 Side plate 2/Placa lateral 2	4	组焊件Group weldment	270	1080
18	B11-7/B11-8	侧板1 Side plate 1/Placa lateral 1	4	组焊件Group weldment	120	480
17		吸尘罩 Dust hood/Capuz de pó	8	组焊件Group weldment	1394	11152
16	B1209-L	Ø1200风管 / Duct / Ducto	1	组焊件Group weldment	9560	9560
15	B14-7	风室 wind room/Sala do Vento	4	组焊件Group weldment	410	1640
14	B14-8/B14-9	风室 wind room/Sala do Vento	4	组焊件Group weldment	800	3200
13		造球机 Ball maker/Prensa	4		10000	40000
12		螺旋输送机 Screw conveyor/Transportador Rosca	4		500	2000
11		Ø600风管 Duct/Ducto	20	组焊件Group weldment	55	1100
10		星型卸料器 Star type unloader/ Válvula Rotativa	16		500	8000
9		引风机Induced draft fan/Ventilador de Tiragem Induzida	4		2000	8000
8		烟囱 Chimney/Chimenés	4	组焊件Group weldment	500	2000
7	B900-L	Ø900风管 / Duct / Ducto	4	组焊件Group weldment	1392	5568
6	B14-1	布袋出风管 Bag filter duct/Filtro Mangas Ducto	4	组焊件Group weldment	250	1000
5		布袋除尘器 Bag filter/Filtro Mangas	4		4800	19200
4		螺旋给煤机Intertial duster/Poeira Inercial	4		1530	6000
3	B900-L	Ø900风管 Duct/Ducto	4	组焊件Group weldment	180	720
2		旋风除尘器 Cyclone /Ciclone	8		1924	15392
1		旋风筒子 Cyclone bat/Chapéu de ciclone	4	组焊件Group weldment	620	2480

REV.	DATE	DRAWN	CHECKED	DESIGNED	APPROVED	DESCRIPTION
2	2019.7					
1	2019.6					

OWNER	Eletrobras CGTEE — Companhia de Geração Térmica de Energia Elétrica
EPC CONTRACTOR	POWERCHINA SEPCO1 CONSTRUÇÕES DO BRASIL LTDA 中国电建集团山东电力建设第一工程有限公司巴西公司
PROJECT	Brazilian Candiota II Phase C Dry Coal Preparation Project
CGTEE DWG NO	SIZE A1

大地（唐山）矿业科技有限公司 TANG DA KUANG TECHNOLOGY CO.,LTD.	巴西坎迪奥塔干法选煤项目	PROJECT	DETAIL
COPYRIGHT © THIS FOR THE PROJECT ONLY.	风选系统安装图 Air plant system Installation Drawing Desenho de instalação do sistema de ar		
DATE	SCALE 1:100	DWG. NO. FX-6RA-A02	SHEET 1 OF 1 REV. 2