

			
Project:	<b>BOTTOM ASH REMOVAL SYSTEM</b>			Doc No:	<b>148120_00677_0041</b>		Рев./Rev.
Item:						<b>D</b>	
Поз.	Номер чертеж, Наименование, детали		Бр.	Dwg. No:	Стандарт	Маса, кг/Weight, kg	
Pos.	Drawingsnumber, -name, Elements		Pcs.		Standard	Един.	Общо/Total
1.	Submerged Scraper Conveyor	1	ME-001			71351	71351
2.	Drag Link Conveyor	1	ME-002			47571	47571
3.	Two-Way Chute	1	ME-003			6216	6216
4.	Maintenance Platform Tower	1	ME-004			14796	14796
5.	Drag Link Conveyor supporting structure	1	ME-005			16957	16957
6.	Maintenance Platform	1	MM-001/MM-002			1608	1608
7.	Maintenance Platform Left	1	MM-006			679	679
8.	Crusher frame	1	MM-014			450	450
9.	Hydraulic Station	1	MM-007			630	630
10.	Chute 1	1	MM-003			1078	1078
11.	Chute 2	1	MM-004			125	125
12.	Chute 3	1	MM-005			1459	1459
13.	Drainage Pipe DN100 + flange	1	MM-008			52	52
14.	Sealing DN 100 S= 2	1	t=60°C	Klingerit		—	—
15.	Bolt M16 x 55	16	—			—	—
16.	Nut M16	16	—			—	—
17.	Spring washer 16	16	—			—	—
18.	Bolt M20x70	20	—			—	—
19.	Nut M12	58	—			—	—
20.	Spring washer 12	58	—			—	—
21.	Bolt M12x40	58	—			—	—
22.	Spring hanger	1	MM-013			16	16
23.	Cover 1	1	MM-009			107	107
24.	Cover 2	1	MM-010			107	107
25.	Support	2	MM-011			195	390
26.	Monorail system	1	MM-012			625	625
27.	Profile L100/100/10; L=120	2	MM-008			1,9	3,8
28.	Bolt M20x55	4				—	—
29.	Nut M20	14				—	—
30.	Spring washer 20	24				—	—
31.	Bolt M24x60	4				—	—
32.	Spring washer 24	4				—	—
All fastenings - anticorrosion coating			Маса за 1бр., кг. Weight per Part , kg				<b>164221</b>



							
Project:	BOTTOM ASH REMOVAL SYSTEM				Doc No:		Rev.
Item:	SUBMERGED SCRAPER CONVEYOR				148120_00677_0042		C
Поз.	Номер чертеж, Наименование, детали		Doc No:	Бр.	Материал	Тегло	
Pos.	Drawingsnumber, -name, Elements			Pcs.	Material	Един.	Общо
	SUBMERGED SCRAPER CONVEYOR						
	Foundation plan		MM-101			–	–
1.	Take-up station		MM-111	1		814	814
2.	Dry deflection roller		MM-116	4		135	540
3.	Submerged deflection roller		MM-121	4		227	908
4.	Trough section 1		MM-126	1		9010	9010
5.	Trough section 2		MM-131	1		11971	11971
6.	Barrier		MM-102	1		145	145
7.	Support 1		MM-136	1		588	588
8.	Bolt M20 x 70		–	16		0,224	3,58
9.	Nut M20		–	41		0,062	2,54
10.	Spring washer 20		–	16		0,016	0,26
11.	Trough section 3		MM-141	1		6790	6790
12.	Support 2		MM-146	1		950	950
13.	Trough section 4		MM-151	1		9447	9447
14.	Lamella separator 240 x 500; L=1080		–	9		60	540
15.	Cover girds - set		MM-156	1		116	116
16.	Drive station		MM-161	1		705	705
17.	Hydraulic motor with planetary gear N=15kW		–	2		692	1384
18.	Double door 1000 x 2376		MM-103	1		135	135
19.	Safety girds - set		MM-166	2		391	391
20.	Valve DN 200		–	2			
21.	Bolt M20 x 520		–	9		1,3	11,7
22.	Washer 20		–	50		0,023	1,15
23.	Elbow DN 200		MM-104	1		41	41
24.	Pipe DN 200		MM-104	1		143	143
25.	Bolt M20 x680		–	16		1,7	27,2
26.	Connecting bar U 20; L=754		MM-102	2		19,1	38,2
27.	Bolt M14 x 40		–	30		0,065	1,95
28.	Nut M14		–	70		0,024	1,68
29.	Spring washer 14		–	70		0,007	0,49
30.	Safety girds 1090 x 2376		MM-103	1		158	158
31.	Pipe DN 200		MM-104	1		190	190
32.	Sealing DN 125		–	3		–	–
33.	Bolt M16 x 60		–	24		0,117	2,8
34.	Nut M16		–	80		0,032	2,56
35.	Spring washer 16		–	80		0,008	0,64

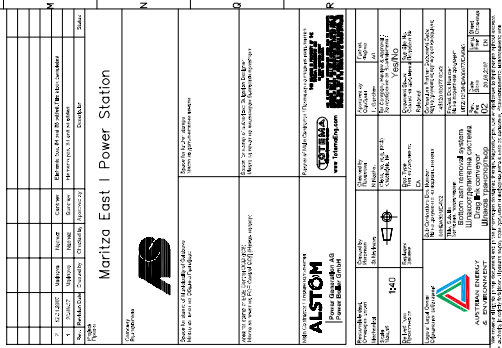
ALSTOM						TOTEMA Engineering		
Project:	BOTTOM ASH REMOVAL SYSTEM					Doc No:		Rev.
Item:	SUBMERGED SCRAPER CONVEYOR					148120_00677_0042		C
Поз.	Номер чертеж, Наименование, детали			Doc No:	Бр.	Материал	Тегло	
Pos.	Drawingsnumber, -name, Elements				Pcs.	Material	Един.	Общо
36.	Hatch door 800 x 600			MM-171	4		367	1468
37.	Fixing bar			MM-102	18		2,26	40,68
38.	Hinge Ø 20 x 135			MM-102	13		0,3	3,9
39.	Washer 20			–	26		0,023	0,6
40.	Pin ϕ6x30			–	26			
41.	Bolt M14 x 45			–	76		0,071	5,4
42.	Nut with sealing M14			–	76		0,024	1,8
43.	Washer 14 - Al			–	76		–	–
44.	Round link chain belt L=78000			MM-176	1		15168	15168
45.	Basalt tiles			MM-105			–	–
46.	Glue for basalt tiles			–	–		–	–
47.	Bolt M16 x 70			–	56		0,132	7,4
48.	Sealing DN 200			–	7		–	–
49.	Valve DN 125			–	1			
50.	Upper trough cladding - set (HARDOX)			MM-181	1		9081	9081
51.	Plate			MM-102	2		4,6	9,2
52.	Reactive support			MM-102	1		89	89
53.	Connecting profile U200 L=140				2		3,54	7,1
54.	Connecting profile U240 L=220				2		7,3	14,6
55.	Connecting profile U240 L=230				2		7,64	15,3
56.	Safety gird 1000x2376			MM-103	1		44	44
57.	Replaseable wall			MM-104	1		188	188
58.	Sealing			–	1		–	–
59.	Bolt M14x60			–	32		0,089	2,85
60.	Flange 1"			–	2			
61.	Pipe 1"			MM-102	2		1,1	2,2
62.	Bolt M14x35			–	8		0,06	0,48
63.	Protector			MM-102	2		11	22
64.	Flange			MM-102	2		2,7	5,4
65.	Fixture			MM-102	4		0,33	1,32
66.	Reactive support			MM-102	1		89	89
67.	Pipe Ø 48,3x3,6 L=240				16		0,95	15,2
68.	Pipe Ø 48,3x3,6 L=450				2		1,8	3,6
69.	Pipe Ø 48,3x3,6 L=160				7		0,63	4,4
						Маса за 1бр., кг.		71351
	All fastenings - anticorrosion coating					Weight per Part , kg		



ALSTOM						TOTEMA Engineering		
Project:		BOTTOM ASH REMOVAL SYSTEM				Doc No:		Rev.
Item:		DRAG LINK CONVEYOR				148120_00677_0043		C
Поз.	Номер чертеж, Наименование, детали		Doc No:	Бр.	Материал	Маса,кг/Weight,kg		
Pos.	Drawingsnumber, -name, Elements			Pcs.	Material	Един.	Общо	
	DRAG LINK CONVEYOR							
1.	Take-up station		MM-211	1		615	615	
2.	Trough section 4; L=11700		MM-216	1		5539	5539	
3.	Safety gird 1705 x 770		MM-203	2		14,5	29	
4.	Trough section 1; L=6040		MM-221	1		3441	3441	
5.	Safety gird 300 x 770		MM-203	6		6	37	
6.	Safety gird 1480 x 770		MM-203	24		13	313	
7.	Trough section 2; L=8480		MM-226	1		4035	4035	
8.	Trough section 3; L=11700		MM-231	1		5529	5529	
9.	Cover 380 x 180		MM-201	22		4,3	94,6	
10.	Safety cover 1480 x 770		MM-203	14		38	528	
11.	Trough section 5; L=2100		MM-236	1		1138	1138	
12.	Connecting bar L 100 x 100 x 10; L=1075		MM-201	1		16	16	
13.	Bolt M14 x 40		–	14		0,065	0,91	
14.	Nut M14		–	14		0,024	0,34	
15.	Spring washer 14		–	14		0,007	0,1	
16.	Forged link chain belt; L=78400		MM-241	1		14779	14779	
17.	Safety cover 1095 x 1860		MM-201	1		47	47	
18.	Safety cover 520 x 770		MM-203	2		16	32	
19.	Safety cover 300 x 770		MM-203	2		11	22	
20.	Bolt M20 x 590		–	16		1,45	23,2	
21.	Nut M20		–	184		0,062	11,4	
22.	Washer 20		–	48		0,023	1,1	
23.	Bolt M12 x 45		–	8		0,051	0,4	
24.	Nut M12		–	161		0,016	2,57	
25.	Spring washer 12		–	161		0,005	0,8	
26.	Movable mesh x 6; 400 x 1788		MM-201	1		57	57	
27.	Safety gird 675 x 1930		MM-201	1		17	17	
28.	Guide profile L 50 x 50 x 6; L=400		MM-201	4		1,79	7,16	
29.	Cover 182 x 1920		MM-201	1		22	22	
30.	Sealing x 5		–	1	rubber			
31.	Bolt M12 x 35		–	21		0,043	0,9	
32.	Bolt M20 x 480		–	8		1,23	9,8	
33.	Reactive support		MM-201	1		67	67	
34.	Safety cover 900 x 2030		MM-201	1		57	57	
35.	Geared motor N=15 kW		–	2		730	1460	
36.	Drive station		MM-246	1		682	682	
37.	Safety gird-set		MM-202	1		376	376	
38.	Cladding - set		MM-251	1		8105	8105	
39.	Hinge Ø 14 x 174		MM-203	54		0,21	11,3	

[illegible]





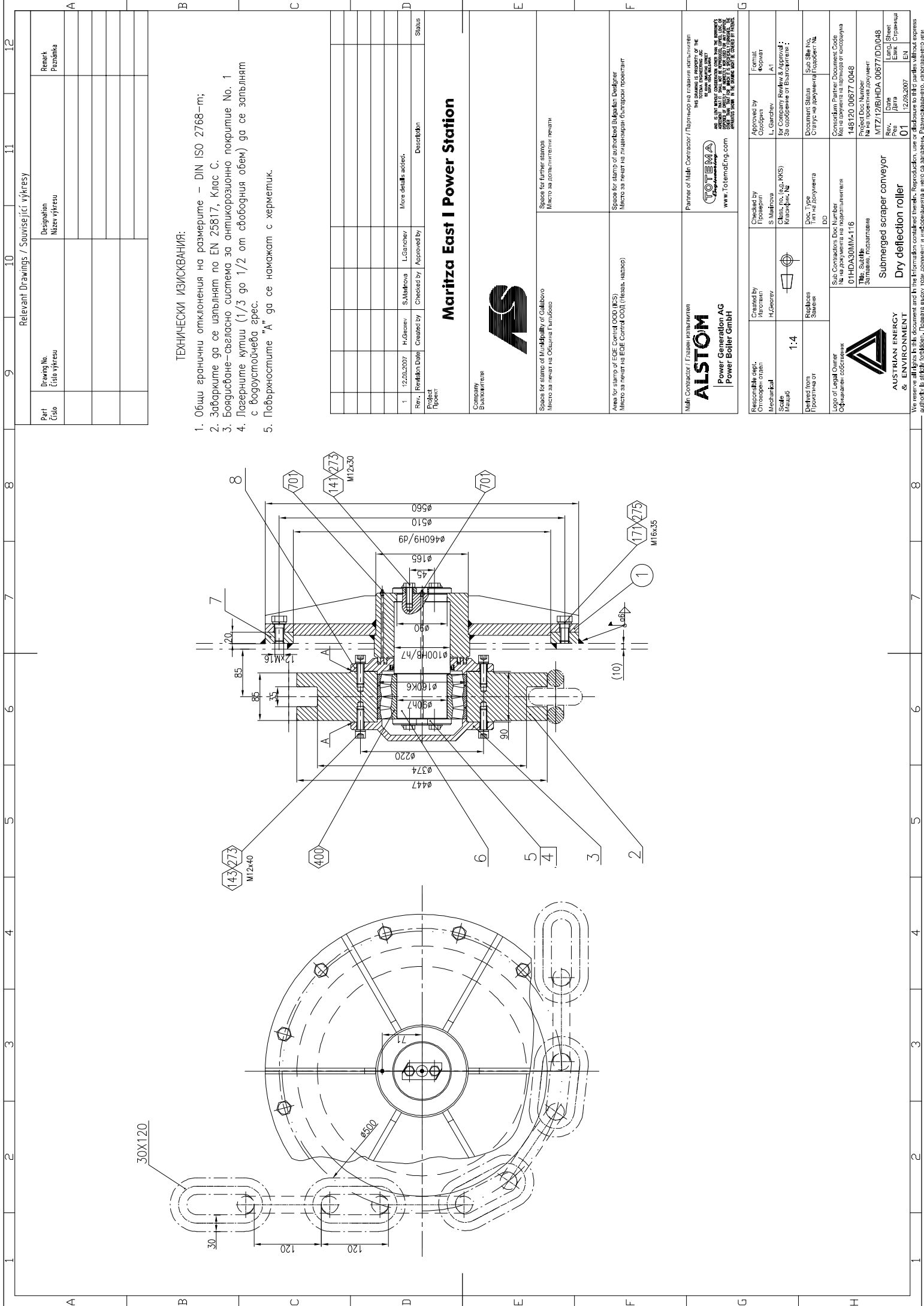


ALSTOM								TOTEMA Engineering	
Project:		BOTTOM ASH REMOVAL SYSTEM				Doc No:		Рев./Rev.	
Item:		Two-way chute			148120_00677_0044		C		
Поз.	Номер чертеж, Наименование, детали		Площ мм <sup>2</sup>	Бр.	Материал	Стандарт	Маса,кг/Weight,kg		
Pos.	Drawings number, -name, Elements		Area mm <sup>2</sup>	Pcs	Material	Standard	Един.	Общо/Total	
	01HDA30MM-301								
1	Damper			1			527	527	
	01HDA30MM-302	01HDA30MM-303							
2	Elements			1			3231	3231	
	01HDA30MM-304								
3	Grate			7			133,6	935	
4;5	01HDA30MM-305			1			983	983	
	Corpus								
	01HDA30MM-306			1			321	321	
6..14	Elements								
	01HDA30MM-307			1			65	65	
15..19	Elements								
20..32	01HDA30MM-308								
	Elements			1			154	154	
	Покупни изделия: / Purchased materials:								
140	Bolt M 12 x 25-8.8			26		DIN 933			
141	Bolt M 12 x 40-8.8			32		DIN 933			
172	Bolt M 16 x 40-8.8			4		DIN 933			
180	Bolt M 16 x 80-8.8			4		DIN 933			
206	Bolt M 20 x 70-8.8			8		DIN 933			
240	Bolt M 30 x 100-8.8			4		DIN 933			
252	Nut M10-5			16		DIN 934			
253	Nut M12-5			32		DIN 934			
255	Nut M16-5			4		DIN 934			









ТЕХНИЧЕСКИ ИЗИСКВАНИЯ:

- 1. Общи ерроничности на размерите – DIN ISO 2768–m;
- 2. Забарките да се изпълняват по EN 25817, Клас C.
- 3. Боядисване-сгласно система за антикорозионно покритие No. 1
- 4. Лазерните кутии (1/3 до 1/2 от свободния обем) да се изпълняват с водоустойчива грес.
- 5. Повърхностите "А" да се намажат с херметик.

Rev.	Revision Date	Created by	Checked by	Approved by	Description	Status
1	12.05.2007	H.Ganchev	S.Matlova	L.Ganchev	More details added.	
Project						
Project						

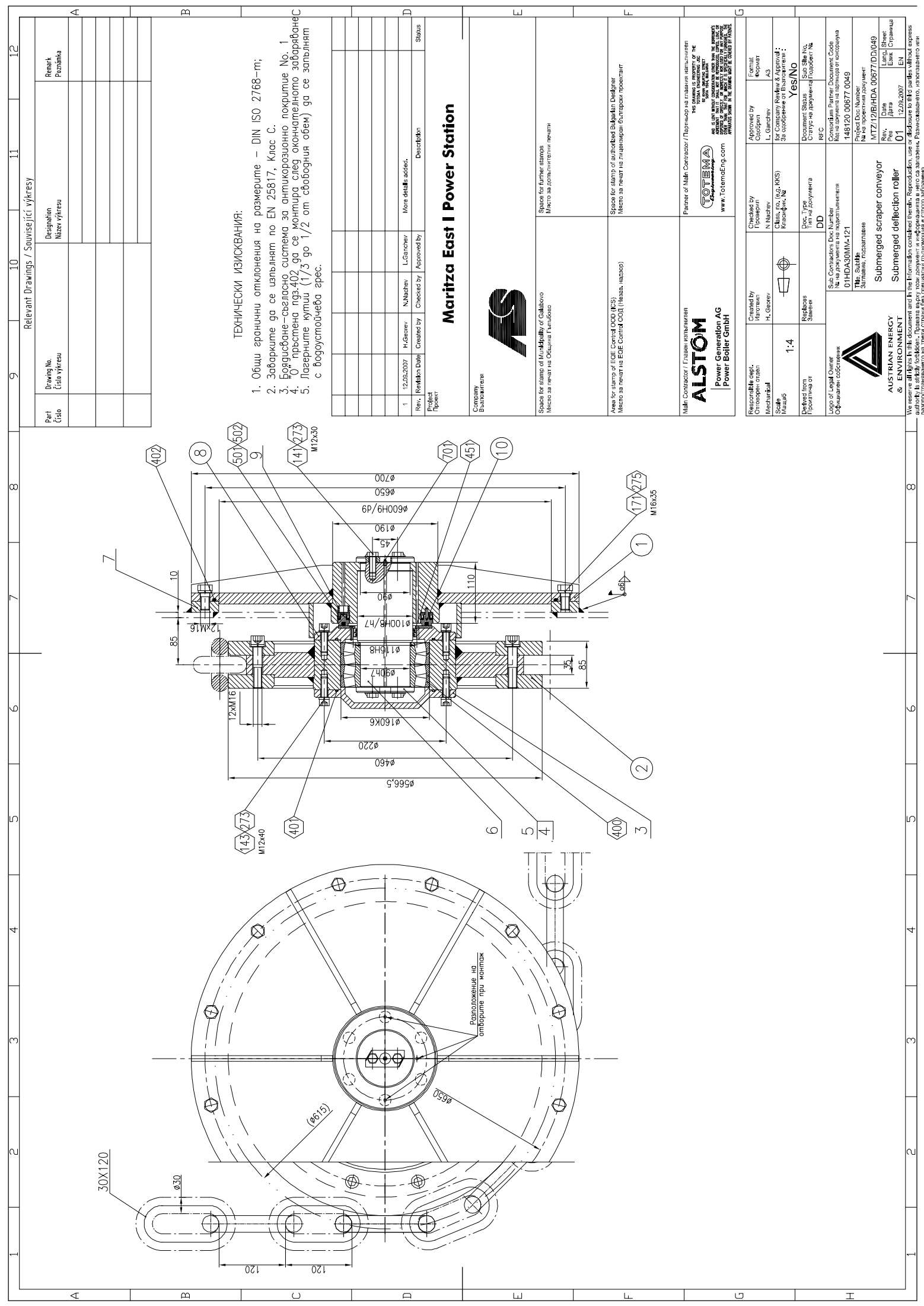
Maritza East I Power Station



Space for stamp of Municipality of Galabovo Место за печат на Община Габрово	Space for further stamps Место за допълнителни печати
Area for stamp of EGE Control (GCS) Место за печат на EGE Control OOD (Габрово, надзор)	Space for stamp of authorized Substation Designer Место за печат на лицензиран електропроектант
Main Contractor / Главен изпълнител <b>ALSTOM</b> Power Generation AG Power Boiler GmbH	Partner of Main Contractor / Партньор на главния изпълнител <b>TOTEMA</b> www.TotemaEng.com

Responsible dept. Отговорен отдел Mechanical	Created by Изготвил H.Ganchev	Checked by Проверил S.Matlova	Approved by Одобрил L.Ganchev	Format Формат A1
Scale Мащаб 1:4		Class, no. (q.d., KKS) Класификация № 	for Company Review & Approval За одобрение от Високияте ;	
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Logo of Legal Owner Сформирален сортник 				
Sub-Station Design Number № на сортирания документ 01HDA30MM-116				
The Subject Заглавие, подзаглавие Submerged scraper conveyor Dry deflection roller				
Project Doc. Number № на проектния документ MTZ112BHDA 00677DD/048				
Rev. Рев. 01				
Date Дата 12.05.2007				
EN				

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- ТЕХНИЧЕСКИ ИЗИСКВАНИЯ:
1. Общи гранични отклонения на размерите – DIN ISO 2768-m;
  2. Заборките да се изпълнят по EN 25817, Клас C.
  3. Боядисване – съгласно система за антикорозивно покритие No. 1
  4. 0° пръстенна пгз.402, да се монтира след окончателното заборване
  5. Лазерните кутии (1/3 до 1/2 от свободния обем) да се изпълнят с водоустойчива грес.

# Maritza East I Power Station



Space for stamp of Municipality of Galabovo Место за печат на Община Габрово	Space for further stamps Место за допълнителни печати
Area for stamp of EGE Control OOD (KCS) Место за печат на ЕГЕ Контрол ООД (Ниваза, надзор)	Space for stamp of authorized Substation Designer Место за печат на лицензиран български проектант
Main Contractor / Главен изпълнител <b>ALSTOM</b> Power Generation AG Power Boiler GmbH	Partner of Main Contractor / Партньор на главния изпълнител <b>TOTEMA</b> Engineering www.TotemaEng.com

Responsible dept. Отговорен отдел Mechanical	Created by Изготвил H. Ganchev	Checked by Проверил N. Nachev	Approved by Одобрил L. Ganchev	Format Формат A3
Scale Мащаб 1:4		Class, no. (q.d., KKS) Класификация №	for Company Review & Approval За одобрение от Властителя :	Yes/No
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Logo of Legal Owner Сформиран собственик	Sub Contractors Doc Number № на документа на подизпълнителя	Doc. No. № на документа	REC	Project No. № на проектния документ
	01HDA30MM-121	148120.00677.0049		MTZ112/BIHDA.00677/0049
	The Subst. Застава, подстанции			№ на проектния документ
	Submerged scraper conveyor Submerged deflection roller			MTZ112/BIHDA.00677/0049
	AUSTRIAN ENERGY & ENVIRONMENT	Rev. Рев.	Date Дата	Лист / Sheet
		01	12.09.2007	EN

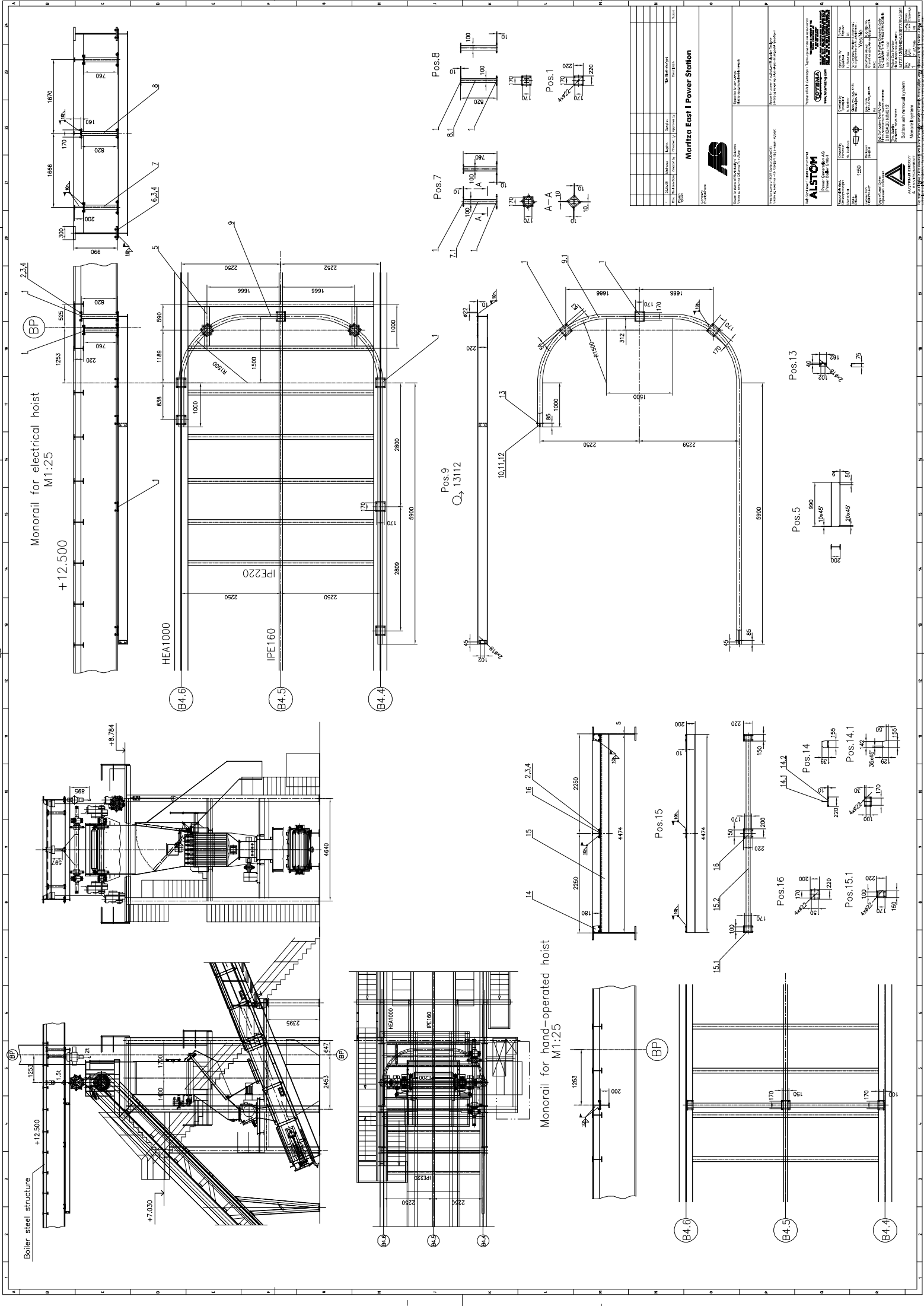
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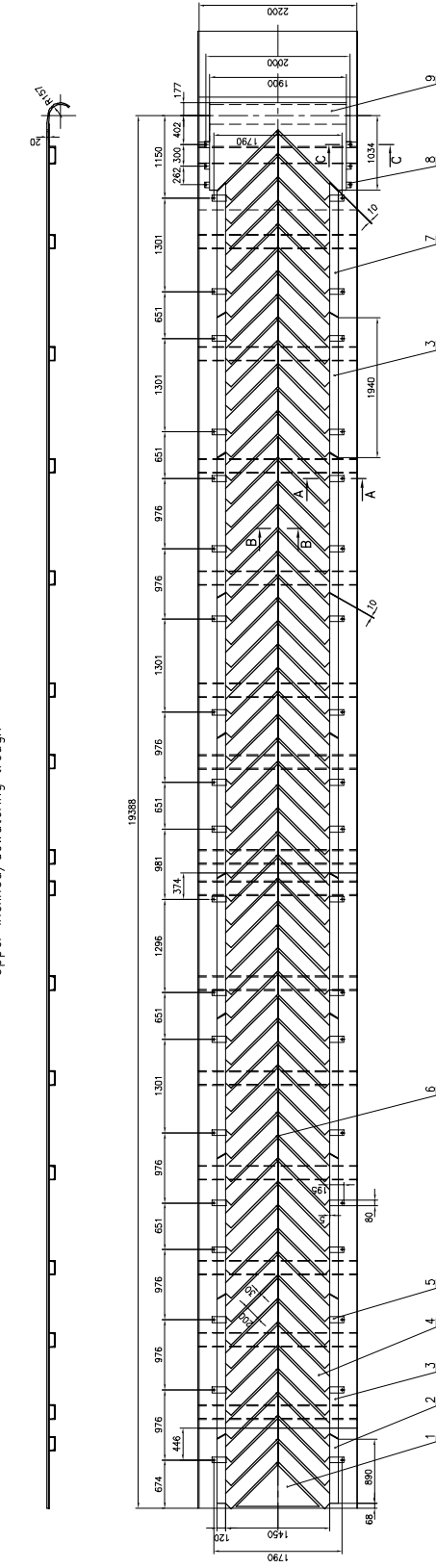




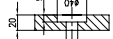
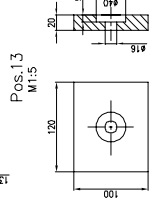
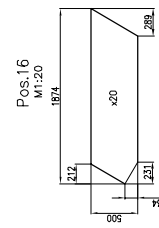
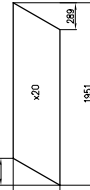
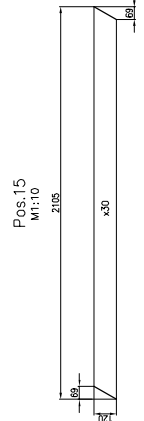
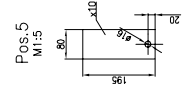
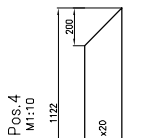
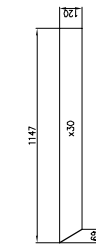
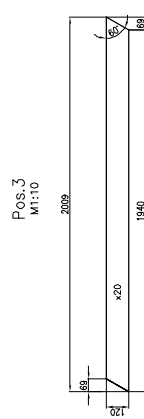
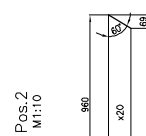
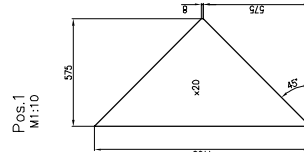
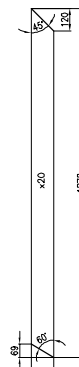
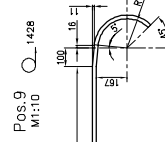
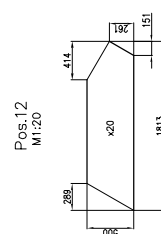
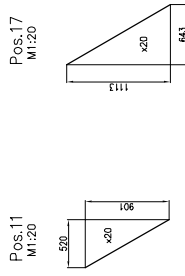
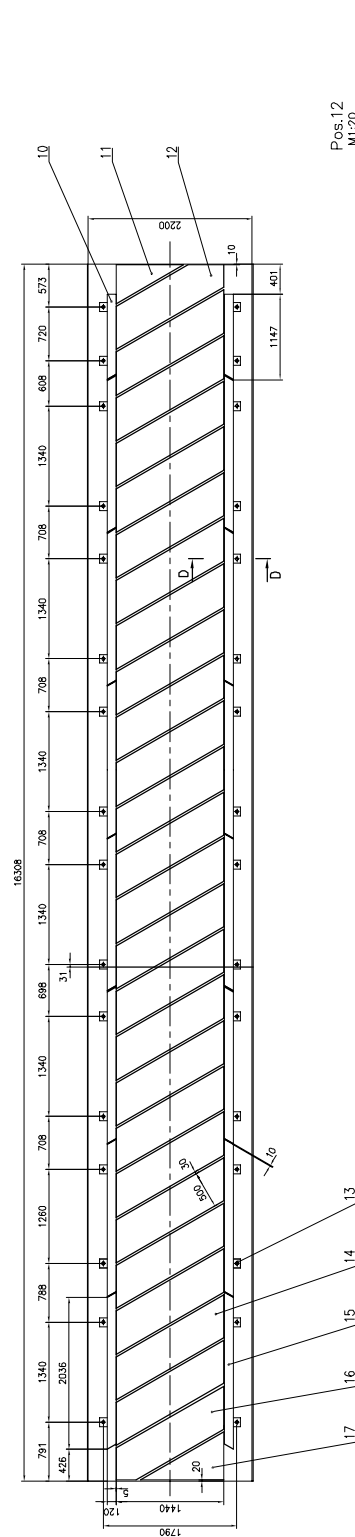
Material									
Pos.	Material	Quantity	Unit	Weight	Volume	Price	Notes	Remarks	Remarks
1	HEA1000	1	m	1000	1000	1000			
2	IPE160	1	m	160	160	160			
3	HEA1000	1	m	1000	1000	1000			
4	IPE160	1	m	160	160	160			
5	HEA1000	1	m	1000	1000	1000			
6	IPE160	1	m	160	160	160			
7	HEA1000	1	m	1000	1000	1000			
8	IPE160	1	m	160	160	160			
9	HEA1000	1	m	1000	1000	1000			
10	IPE160	1	m	160	160	160			
11	HEA1000	1	m	1000	1000	1000			
12	IPE160	1	m	160	160	160			
13	HEA1000	1	m	1000	1000	1000			
14	IPE160	1	m	160	160	160			
15	HEA1000	1	m	1000	1000	1000			
16	IPE160	1	m	160	160	160			
17	HEA1000	1	m	1000	1000	1000			
18	IPE160	1	m	160	160	160			
19	HEA1000	1	m	1000	1000	1000			
20	IPE160	1	m	160	160	160			
21	HEA1000	1	m	1000	1000	1000			
22	IPE160	1	m	160	160	160			
23	HEA1000	1	m	1000	1000	1000			
24	IPE160	1	m	160	160	160			
25	HEA1000	1	m	1000	1000	1000			
26	IPE160	1	m	160	160	160			
27	HEA1000	1	m	1000	1000	1000			
28	IPE160	1	m	160	160	160			
29	HEA1000	1	m	1000	1000	1000			
30	IPE160	1	m	160	160	160			
31	HEA1000	1	m	1000	1000	1000			
32	IPE160	1	m	160	160	160			
33	HEA1000	1	m	1000	1000	1000			
34	IPE160	1	m	160	160	160			
35	HEA1000	1	m	1000	1000	1000			
36	IPE160	1	m	160	160	160			
37	HEA1000	1	m	1000	1000	1000			
38	IPE160	1	m	160	160	160			
39	HEA1000	1	m	1000	1000	1000			
40	IPE160	1	m	160	160	160			
41	HEA1000	1	m	1000	1000	1000			
42	IPE160	1	m	160	160	160			
43	HEA1000	1	m	1000	1000	1000			
44	IPE160	1	m	160	160	160			
45	HEA1000	1	m	1000	1000	1000			
46	IPE160	1	m	160	160	160			
47	HEA1000	1	m	1000	1000	1000			
48	IPE160	1	m	160	160	160			
49	HEA1000	1	m	1000	1000	1000			
50	IPE160	1	m	160	160	160			
51	HEA1000	1	m	1000	1000	1000			
52	IPE160	1	m	160	160	160			
53	HEA1000	1	m	1000	1000	1000			
54	IPE160	1	m	160	160	160			
55	HEA1000	1	m	1000	1000	1000			
56	IPE160	1	m	160	160	160			
57	HEA1000	1	m	1000	1000	1000			
58	IPE160	1	m	160	160	160			
59	HEA1000	1	m	1000	1000	1000			
60	IPE160	1	m	160	160	160			
61	HEA1000	1	m	1000	1000	1000			
62	IPE160	1	m	160	160	160			
63	HEA1000	1	m	1000	1000	1000			
64	IPE160	1	m	160	160	160			
65	HEA1000	1	m	1000	1000	1000			
66	IPE160	1	m	160	160	160			
67	HEA1000	1	m	1000	1000	1000			
68	IPE160	1	m	160	160	160			
69	HEA1000	1	m	1000	1000	1000			
70	IPE160	1	m	160	160	160			
71	HEA1000	1	m	1000	1000	1000			
72	IPE160	1	m	160	160	160			
73	HEA1000	1	m	1000	1000	1000			
74	IPE160	1	m	160	160	160			
75	HEA1000	1	m	1000	1000	1000			
76	IPE160	1	m	160	160	160			
77	HEA1000	1	m	1000	1000	1000			
78	IPE160	1	m	160	160	160			
79	HEA1000	1	m	1000	1000	1000			
80	IPE160	1	m	160	160	160			
81	HEA1000	1	m	1000	1000	1000			
82	IPE160	1	m	160	160	160			
83	HEA1000	1	m	1000	1000	1000			
84	IPE160	1	m	160	160	160			
85	HEA1000	1	m	1000	1000	1000			
86	IPE160	1	m	160	160	160			
87	HEA1000	1	m	1000	1000	1000			
88	IPE160	1	m	160	160	160			
89	HEA1000	1	m	1000	1000	1000			
90	IPE160	1	m	160	160	160			
91	HEA1000	1	m	1000	1000	1000			
92	IPE160	1	m	160	160	160			
93	HEA1000	1	m	1000	1000	1000			
94	IPE160	1	m	160	160	160			
95	HEA1000	1	m	1000	1000	1000			
96	IPE160	1	m	160	160	160			
97	HEA1000	1	m	1000	1000	1000			
98	IPE160	1	m	160	160	160			
99	HEA1000	1	m	1000	1000	1000			
100	IPE160	1	m	160	160	160			

ALSTOM							TOTEMA Engineering		
Project:	SUBMERGED SCRAPER CONVEYOR				Doc No:			Рев./Rev.	
Item:	UPPER TROUGH CLADDING				148120_00677_0065			A	
Поз.	Номер чертеж, Наименование, дета			Площ мм <sup>2</sup>	Бр.	Материал	Стандарт	Маса,кг/Weight,kg	
Pos.	Drawingsnumber, -name, Elements			Area mm <sup>2</sup>	Pcs.	Material	Standard	Един.	Общо/Total
1	x 20 (575X1158) S= 0,3355 m <sup>2</sup>			1	XAR 400			52,67	52,7
2	x 20 (120x960) S= 0,111 m <sup>2</sup>			2	DUROSTAT 500			17,43	34,9
3	x 20 (120x2009) S= 0,2328 m <sup>2</sup>			16	DUROSTAT 500			36,55	584,8
4	x 20 (200x1122) S= 0,1995 m <sup>2</sup>			114	XAR 400			31,32	3570,7
5	x 10 80 x 195			38	S235JR	DIN 1543		1,22	46,53
6	x 10 30 x 30			58	S235JR	DIN 1543		0,07	4,1
7	x 20 (120x1870) S= 0,213 m <sup>2</sup>			2	DUROSTAT 500			33,44	66,9
8	x 10 80 x 70			6	S235JR	DIN 1543		0,44	2,64
9	x 20 (1428X1900) S= 2,0113 m <sup>2</sup>			1	XAR 400			315,77	315,8
10	x 30 (120x1147) S= 0,1335 m <sup>2</sup>			2	XAR 450			31,44	62,9
11	x 20 (520x901) S= 0,2346 m <sup>2</sup>			1	XAR 400			36,83	36,8
12	x 20 (500x1813) S= 0,7653 m <sup>2</sup>			1	XAR 400			120,15	120,2
13	x 20 100 x 120			32	S235JR	DIN 1543		1,88	60,29
14	x 20 (500x1951) S= 0,8314 m <sup>2</sup>			24	XAR 400			130,53	3132,7
15	x 30 (120x1147) S= 0,2443 m <sup>2</sup>			14	XAR 450			57,53	805,5
16	x 20 (500x1874) S= 0,8108 m <sup>2</sup>			1	XAR 400			127,30	127,3
17	x 20 (643x1113) S= 0,3576 m <sup>2</sup>			1	XAR 400			56,14	56,1
	All fastenings - anticorrosion coating				Маса за 1бр., кг.				9081
					Weight per Part , kg				

## Upper inclined/dewatering trough





## Upper horizontal trough

[illegible]

Maritza East | Power Station

Officer **Abdul G. Gabbas**  
at **Clayton P. Taylor**

(1992a-c, 1993a-c) 1992-1993, 1994-1995, 1996-1997	Significant sharing of red blood cells for 2nd year
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<p><b>ALSTOM</b></p> <p>Power Generation AG Power Boiler GmbH</p>	<p>140° Celsius / 180° Fahrenheit</p> <p>In view of High Corrosion Resistance, aluminized stainless steels</p>  <p><b>TOSTEMA</b></p> <p>www.tostema.com</p> 
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[illegible]

ALSTOM							TOTEMA Engineering		
Project:		DRAG LINK CONVEYOR			Doc No:			Рев./Rev.	
Item:		CLADDING			148120_00677_0066			A	
Поз.	Номер чертеж, Наименование, дета		Площ мм <sup>2</sup>	Бр.	Материал	Стандарт	Маса,кг/Weight,kg		
Pos.	Drawingsnumber, -name, Elements		Area mm <sup>2</sup>	Pcs.	Material	Standard	Един.	Общо/Total	
1	x 20 (676x847) S= 0,3442 m <sup>2</sup>		2	XAR 400			54,04	108,1	
2	x 20 (90x654) S= 0,0565 m <sup>2</sup>		2	DUROSTAT 500			8,87	17,7	
3	x 20 (90x1990) S= 0,1745 m <sup>2</sup>		38	DUROSTAT 500			27,40	1041,1	
4	x 20 (200x1056) S= 0,1862 m <sup>2</sup>		228	XAR 400			29,23	6665,2	
5	x 10 80 x 165		80	S235JR	DIN 1543		1,04	82,90	
6	x 10 30 x 30		115	S235JR	DIN 1543		0,07	8,1	
7	x 20 (629x676) S= 0,2352 m <sup>2</sup>		2	XAR 400			36,93	73,9	
8	x 20 (90x298) S= 0,0245 m <sup>2</sup>		2	DUROSTAT 500			3,85	7,7	
9	x 20 (90x1521) S= 0,1345 m <sup>2</sup>		1	DUROSTAT 500			21,12	21,1	
10	x 20 (90x1521) S= 0,1345 m <sup>2</sup>		1	DUROSTAT 500			21,12	21,1	
11	x 10 80 x 55		80	S235JR	DIN 1543		0,35	27,63	
12	x 20 (90x1123) S= 0,0986 m <sup>2</sup>		1	DUROSTAT 500			15,48	15,5	
13	x 20 (90x1123) S= 0,0986 m <sup>2</sup>		1	DUROSTAT 500			15,48	15,5	
	All fastenings - anticorrosion coating			Маса за 1бр., кг.				8105	
				Weight per Part , kg					





