



COMPONENTS FOR ELEVATOR BUCKETS



components for your success

www.stifnet.com

► English



COMPANY PROFILE

STIF is based in the west of France near ANGERS, 80km from the port of NANTES-SAINT NAZAIRE. In 2008, STIF Asia Pte Ltd is set up in Singapore. Its objective is to handle the sales & marketing of STIF business in the Asia Pacific region. With this strategic decision, STIF is now much closer to its customer in this region.

STIF IS SPECIALIZED IN THE PRODUCTION OF COMPONENTS FOR THE BULK MATERIAL HANDLING.

- Our product includes:
- Belt for bucket elevators
- Elevator buckets, metallic and plastic
- Compression couplings for pneumatic conveying systems
- Explosion vent panels

June 2011, STIF established its manufacturing facility in China, STIF Suzhou. This fulfilled our objective of produce in Asia for Asia. All these are driven by the strong Customers' demand in Asia, especially China.

STIF strongly believe in the development of our people. The company philosophy is to empower our people with knowledge in-term of our products & most important of all, the right mindset & attitude.

Our production process is carried out under high stringent in-term of quality control & efficiencies. This can only be achieved through highly efficient manpower at all levels.

High-quality equipment used in our factory also contributes greatly to our overall success. Our policy of constant investment & renewal of equipment maintain our leading position in our field. This policy applies to any entity around the globe.

Entering into Asia Pacific, we believe understanding the market & localization is crucial for our long term success. We are strongly committed to work closely with customers in this region to develop customized products & make it as our standard range with reasonable price.

You are most welcome to contact us so as to explore further about what we could provide & serve you at best.

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ELEVATOR BUCKET: HOW TO CHOOSE THE RAW MATERIAL

MATERIAL	Steel	Stainless steel 304L	Stainless steel 316L	HDPE	PA 6	PU
LONGEVITY	***	****	****	*	***	***
STICKY PRODUCTS	***	***	***	*	***	***
IMPACT PERFORMANCE	*	***	***	**	***	***
FOOD GRADE	X	✓	✓	✓	✓	✓
CONTINUOUS TEMPERATURE °C	+180°C -270°C	+250°C -270°C	+250°C -270°C	+70°C -100°C	+100°C +120°C* -30°C	+70°C -20°C
TOP TEMPERATURE °C	200°C	400°C	400°C	80°C	120°C 130°C*	80°C
RESISTIVITY	✓ Conductor	✓ Conductor	✓ Conductor	X Insulator	X Insulator	X Insulator
PRICE	*	***	****	*	***	****
COLOUR	–	–	–	White	Cream	Green
DENSITY	7,85	7,85	7,85	0,96	1,14	1,19
APPLICATIONS	<ul style="list-style-type: none"> • Cereals • Industry 	<ul style="list-style-type: none"> • Food • Corrosion • Temperature 	<ul style="list-style-type: none"> • Food • High Corrosion 	<ul style="list-style-type: none"> • Cereals • Food 	<ul style="list-style-type: none"> • Temperature • Abrasion • Sticky • Food 	<ul style="list-style-type: none"> • Temperature • Sharp • Sticky

* On request





JET®

ELEVATOR BUCKETS

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JETCC®

PLASTIC MATERIAL INJECTED PEHD, PA6, PU



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JETCC® *Low Profile*

PLASTIC MATERIAL INJECTED PEHD, PA6, PU



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JET®

PRESSED STEEL



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JET®

PLASTIC MATERIAL INJECTED PEHD, PA6, PU



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EUROJET®

PRESSED STEEL



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EUROJET®

PLASTIC MATERIAL INJECTED PEHD, PA6, PU



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JET-R®

PRESSED STEEL SPECIAL RICE



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BOLTS



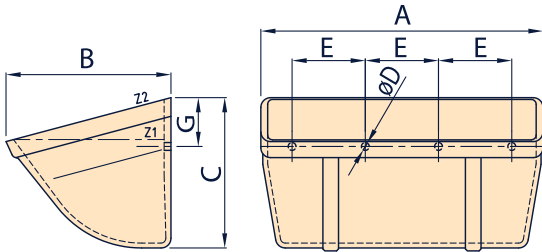
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HOW TO MEASURE A BUCKET ?



PLASTIC MATERIAL INJECTED

HDPE (High Density Polyethylene), PA6 (Polyamide), PU (Polyurethane)
Cereals - Lightmaterials - Pellets - Industrial materials - Bolts = Lug bolts



N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg			
				Nbr	D mm	E mm	G mm	Z ₂ (c)		Z ₁ (c)	HDPE	PA 6	PU
JET CC 4x3	10/090	114	90	80				0,40	0,30	11,25	0,10	0,12	0,12
JET CC 5x4	13/100	138	115	100				0,75	0,61	8,75	0,17	0,20	0,21
JET CC 6x4	16/100	164	115	100				0,95	0,74	8,75	0,23	0,27	0,29
JET CC 7x4	18/100	186	115	100				1,13	0,87	8,75	0,26	0,31	0,32
JET CC 7x5	18/140	192	140	130				1,74	1,35	7,15	0,38	0,45	0,47
JET CC 8x5	20/140	216	140	130				2,00	1,56	7,15	0,37	0,44	0,46
JET CC 9x5	23/140	242	140	130				2,22	1,71	7,15	0,46	0,55	0,57
* JET CC 10x5	26/140	268	140	130				2,53	1,97	7,15	0,49	0,58	0,61
JET CC 8x6	20/170	215	170	155				2,90	2,10	6,00	0,54	0,64	0,67
JET CC 9x6	23/170	242	170	155				3,30	2,52	6,00	0,60	0,71	0,74
JET CC 10x6	26/170	266	170	155				3,70	2,75	6,00	0,64	0,76	0,79
JET CC 11x6	28/170	292	170	155				4,10	3,10	6,00	0,69	0,82	0,86
* JET CC 11x7	30/200	302	200	175				5,70	4,43	5,25	0,99	1,18	1,23
JET CC 11x7 D	30/200	285	200	205				5,75	4,38	4,60	1,36	1,62	1,69
JET CC 12x7	32/200	326	200	175				6,18	4,79	5,25	1,20	1,43	1,49
JET CC 12x7 D	32/200	340	200	205				7,00	5,33	4,60	1,57	1,78	1,95
JET CC 14x7	37/200	378	200	175				7,30	5,62	5,25	1,19	1,41	1,48
* JET CC 16x7	42/200	428	200	175				8,35	6,40	5,25	1,31	1,56	1,62
JET CC 20x7	52/200	532	200	178				10,80	8,30	5,25	2,20	2,63	2,75
* JET CC 10x8	26/230	278	230	205				6,66	5,19	4,60	1,32	1,57	1,64
JET CC 11x8	30/230	302	230	205				6,90	5,88	4,60	1,41	1,67	1,75
JET CC 12x8	32/230	320	230	210				8,30	6,29	4,60	1,51	1,79	1,87
JET CC 14x8	37/230	380	230	205				9,70	7,57	4,60	1,70	2,02	2,11
JET CC 16x8	42/230	430	230	205				11,10	8,66	4,60	1,90	2,26	2,36
JET CC 18x8	47/230	482	230	205				12,50	9,61	4,60	2,10	2,49	2,60
* JET CC 20x8	52/230	532	230	205				13,90	10,86	4,60	2,37	2,83	2,96
JET CC 22x8	57/230	582	230	205				15,30	12,12	4,60	2,47	2,93	3,06

On request

Use flat lug bolt (see page 11)

* Available in 2017

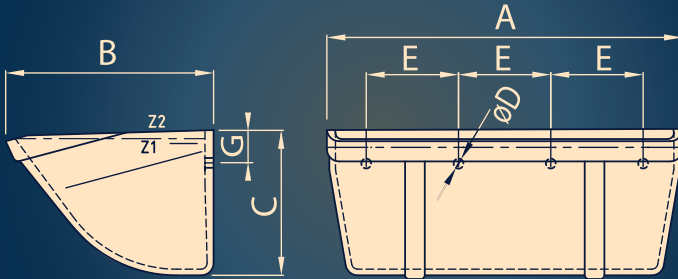
Other punching hole on request

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PLASTIC MATERIAL INJECTED

HDPE (High Density Polyethylene), PA6 (Polyamide), PU (Polyurethane)
Cereals - Light materials - Pellets - Industrial materials - Bolts = Lug bolts



N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg			
				Nbr	D mm	E mm	G mm	Z ₂ (c)		Z ₁ (c)	HDPE	PA 6	PU
JET CC 4x3	10/090	114	90	80				0,40	0,30	11,25	0,10	0,12	0,12
JET CC 5x4	13/100	138	115	75				0,65	0,61	11,25	0,15	0,18	0,19
JET CC 6x4	16/100	164	115	75				0,78	0,74	11,25	0,21	0,25	0,26
JET CC 7x4	18/100	186	115	75				0,92	0,87	11,25	0,24	0,29	0,30
JET CC 7x5	18/140	192	140	100				1,52	1,35	8,50	0,33	0,39	0,41
JET CC 8x5	20/140	216	140	100				1,74	1,56	8,50	0,32	0,38	0,40
JET CC 9x5	23/140	242	140	100				1,94	1,71	8,50	0,40	0,48	0,50
* JET CC 10x5	26/140	268	140	100				2,21	1,97	8,50	0,43	0,51	0,53
JET CC 8x6	20/170	215	170	120				2,38	2,10	7,50	0,47	0,56	0,58
JET CC 9x6	23/170	242	170	120				2,70	2,52	7,50	0,53	0,63	0,66
JET CC 10x6	26/170	266	170	120				3,05	2,75	7,50	0,56	0,67	0,69
JET CC 11x6	28/170	292	170	120				3,35	3,10	7,50	0,60	0,71	0,74
* JET CC 11x7	30/200	302	200	145	On request			4,85	4,43	6,50	0,90	1,07	1,12
JET CC 11x7 D	30/200	285	200	170				5,75	4,38	4,60	1,27	1,51	1,57
JET CC 12x7	32/200	326	200	145				5,25	4,79	6,50	1,05	1,25	1,30
JET CC 12x7 D	32/200	340	200	170				7,00	5,33	4,60	1,48	1,76	1,84
JET CC 14x7	37/200	378	200	145				6,20	5,62	6,50	1,08	1,28	1,34
* JET CC 16x7	42/200	428	200	145				7,09	6,40	6,50	1,18	1,40	1,46
JET CC 20x7	52/200	532	200	148				10,80	8,30	5,25	2,03	2,22	2,32
* JET CC 10x8	26/230	278	230	170				5,66	5,19	5,50	1,22	1,45	1,51
JET CC 11x8	30/230	302	230	170				5,90	5,88	5,50	1,30	1,54	1,61
JET CC 12x8	32/230	328	230	170				7,10	6,29	5,50	1,38	1,64	1,71
JET CC 14x8	37/230	380	230	170				8,30	7,57	5,50	1,56	1,85	1,93
JET CC 16x8	42/230	430	230	170				9,50	8,66	5,50	1,74	2,07	2,16
JET CC 18x8	47/230	482	230	170				10,70	9,61	5,50	1,92	2,28	2,38
* JET CC 20x8	52/230	532	230	170				11,90	10,86	5,50	2,08	2,47	2,58
JET CC 22x8	57/230	582	230	170				13,10	12,12	5,50	2,26	2,68	2,80

Use flat lug bolt (see page 11)

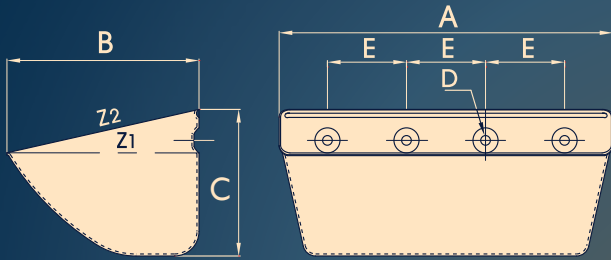
* Available in 2017

Other punching hole on request

No contractual document

PRESSED STEEL

Cereals - Light materials - Pellets - Sticky materials - Industrial materials



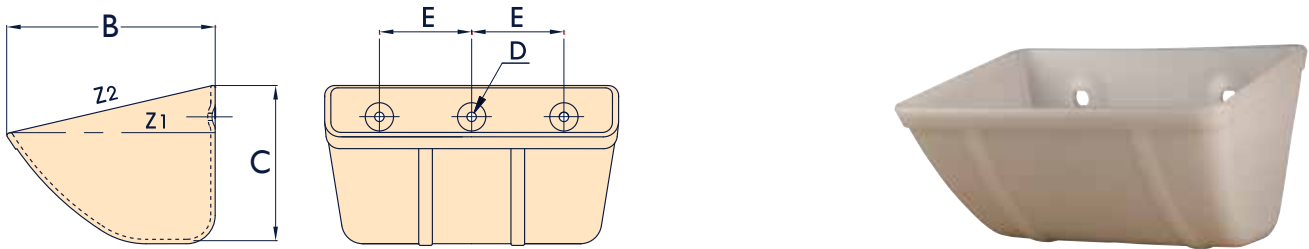
N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg							
				Nbr	D mm	E mm	Z ₂ (l)	Z ₁ (l)		1,0 mm	1,2 mm	1,5 mm	2,0 mm	2,5 mm	3,0 mm	4,0 mm	
JET 08-080	85	80	58	2	8	43	0,21	0,18	15	0,11							
JET 10-090	105	92	70	2	8	50	0,38	0,26	14	0,15							
JET 12-100	125	103	80	2	8,5	67	0,62	0,45	11,50		0,27						
JET 13-120	138	125	90	2	8,5	70	0,77	0,65	10,50			0,40					
JET 14-120	146	120	90	2	8,5	70	0,87	0,71	10,50			0,40					
JET 15-140	154	140	108	2	9	70	1,25	0,95	8,50			0,54					
JET 18-140	188	147	112	2	9	100	1,71	1,38	8,50			0,65					
JET 20-140	207	142	110	2	9	100	1,79	1,37	8,50			0,73					
JET 22-140	227	142	110	2	9	120	2,00	1,58	8,50			0,77					
JET 23-140	237	142	110	2	9	120	2,08	1,60	8,50			0,81					
JET 20-160	205	169	132	2	11	100	2,60	2,03	7,40				1,18				
JET 23-160	235	169	132	2	11	120	3,00	2,40	7,40				1,33				
JET 24-160	245	169	132	2	11	140	3,18	2,46	7,40				1,41				
JET 26-160	265	169	132	3	11	80	3,50	2,80	7,40				1,50				
JET 28-160	285	169	132	3	11	80	3,76	2,95	7,40				1,59				
JET 30-160	305	169	132	3	11	100	4,00	3,00	7,40				1,65				
JET 33-160	335	169	132	3	11	110	4,32	3,17	7,40				1,79				
JET 35-160	356	176	128	3	11	120	4,53	3,47	7,40				1,87				
JET 37-160	375	176	128	4	11	90	4,85	3,55	7,40				1,91				
JET 20-180	209	188	147	2	11	110	3,15	2,28	6,50				1,24				
JET 24-180	249	188	147	2	11	140	3,90	2,83	6,50				1,53				
JET 26-180	269	188	147	3	11	80	4,30	3,15	6,50				1,57				
JET 28-180	289	188	147	3	11	80	4,60	3,42	6,50				1,71				
JET 30-180	309	188	147	3	11	100	5,00	3,70	6,50				1,80				
JET 33-180	339	188	147	3	11	110	5,55	4,10	6,50				1,94				
JET 35-180	359	188	147	3	11	120	5,90	4,37	6,50				2,05				
JET 37-180	379	188	147	4	11	90	6,30	4,65	6,50					2,73			
JET 25-215	255	216	162	3	11	80	5,20	4,00	5,88				1,90				
JET 28-215	285	216	162	3	11	80	5,90	4,65	5,88				2,09				
JET 30-215	312	216	162	3	11	100	6,70	5,20	5,88				2,24				
JET 33-215A	340	220	162	3	11	110	7,20	5,65	5,88					3,00			
JET 33-215B	340	220	162	3	11	120	7,20	5,65	5,88					3,00			
JET 35-215	360	220	164	3	11	120	7,60	5,85	5,88					3,20			
JET 37-215	380	220	164	4	11	90	8,60	6,50	5,88					3,32			
JET 44-215A	454	220	164	4	11	110	10,00	7,70	5,88					3,78			
JET 44-215B	454	220	164	5	11	90	10,00	7,70	5,88					3,78			
JET 47-215	480	220	164	4	11	120	10,53	8,50	5,88					4,04			
JET 50-215A	510	220	164	4	11	135	11,20	9,00	5,88					4,30			
JET 50-215B	510	220	164	5	11	100	11,20	9,00	5,88					4,30			
JET 53-215	540	220	164	6	11	80	11,87	9,50	5,88					4,56	5,50		
JET 56-215	570	220	164	6	11	90	12,54	10,00	5,88					4,82	5,82		
JET 63-215	640	220	164	7	11	90	14,12	11,30	5,88					5,42	6,50		
JET 33-250	340	253	190	4	11	80	8,95	6,70	5						4,10	5,50	
JET 35-250	360	253	190	4	11	80	9,50	7,30	5						4,35	5,80	
JET 37-250	380	253	190	4	11	90	10,10	7,60	5						4,60	6,15	
JET 42-250	430	253	190	5	11	80	11,50	8,70	5						5,25	7,00	
JET 44-250	450	253	190	5	11	90	12,10	9,15	5						5,50	7,35	
JET 47-250	480	253	190	5	11	90	13,00	9,75	5						5,80	7,75	
JET 53-250	540	253	190	6	11	80	14,60	11,00	5						6,60	8,80	
JET 56-250	570	253	190	6	11	90	15,35	11,60	5						6,95	9,30	
JET 63-250	640	253	190	7	11	90	17,20	13,00	5						7,80	10,40	

Use countersunk lug bolt (see page 13)



PLASTIC MATERIAL INJECTED PEHD/PA6/PU

HDPE (High Density Polyethylene), PA6 (Polyamide), PU (Polyurethane)
Cereals - Light materials - Pellets - Sticky materials - Industrial materials



N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg		
				Nbr	D mm	E mm	Z2 (l)	Z1 (l)		HDPE	PA6	PU
JET 10-090	110	96	69	2	8	50	0,36	0,24	14	0,077	0,092	0,096
JET 13-120	139	130	85	2	8	70	0,80	0,51	11	0,143	0,171	0,178
JET 15-140	156	157	113	2	8,50	70	1,42	1,13	8,50	0,232	0,277	0,289
JET 18-140	189	157	113	2	8,50	100	1,77	1,37	8,50	0,273	0,326	0,341
JET 20-140	207	157	113	2	8,50	100	1,95	1,62	8,50	0,315	0,376	0,393
JET 22-140	228	152	112	2	8,50	120	1,93	1,49	8,50	0,320	0,382	0,399
JET 23-145	252	158	125	2	8,50	120	2,44	2,20	7	0,403	0,482	0,503
JET 20-170	214	180	129	2	11	110	2,50	1,94	7	0,389	0,465	0,485
JET 23-170	242	185	142	2	11	120	3,25	2,40	6,50	0,475	0,540	0,595
JET 28-170	291	185	140	3	11	80	4,03	3,00	6,50	0,554	0,665	0,690
JET 30-190	320	202	157	3	11	100	5,21	3,96	6	1,039	1,305	1,360
JET 30-215	325	229	170	3	11	100	6,53	4,99	5,50	1,114	1,367	1,427
JET 33-215	350	230	172	3	11	120	7,36	5,47	5,50	1,118	1,336	1,395
JET 35-215	370	230	172	3	11	120	7,66	5,72	5,50	1,127	1,347	1,406
JET 37-215	391	230	172	4	11	90	7,97	5,97	5,50	1,347	1,610	1,680
JET 40-215	421	230	172	4	11	100	8,78	6,78	5,50	1,518	1,814	1,894
JET 44-215	461	230	172	5	11	90	9,59	7,33	5,50	1,585	1,894	1,977
JET 50-215	528	230	172	5	11	100	10,95	8,19	5,50	1,808	2,161	2,255

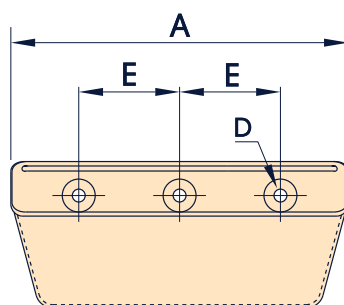
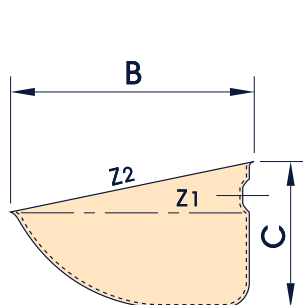
Use countersunk lug bolt (see page 13)



EUROJET®

PRESSED STEEL

Cereals - Light materials - Pellets - Sticky materials - Industrial materials



N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg						
				Nbr	D mm	E mm	Z2 (\emptyset)	Z1 (\emptyset)		1,0 mm	1,2 mm	1,5 mm	2,0 mm	2,5 mm	3,0 mm	
EURO JET 10-090	105	93	66	2	8,50	50	0,35	0,25	14	0,15						
EURO JET 12-100	125	104	78	2	8,50	67	0,55	0,35	12		0,23					
EURO JET 13-120	135	115	81	2	8,50	70	0,65	0,45	12		0,28					
EURO JET 16-130	165	130	87	2	8,50	100	0,95	0,60	12			0,44				
EURO JET 18-140	185	140	92	2	8,50	100	1,29	0,90	10,5			0,55				
EURO JET 20-140	205	140	90	2	11	100	1,45	1,05	10,5			0,61				
EURO JET 23-165	238	165	110	2	11	120	2,45	1,73	9				1,18			
EURO JET 25-165	258	165	110	3	11	77	2,70	2,00	9				1,27			
EURO JET 28-165	288	165	110	3	11	80	3,00	2,25	9				1,40			
EURO JET 30-180	308	187	120	3	11	100	3,70	2,45	8,13				1,55			
EURO JET 30-215	308	215	140	3	11	100	5,20	3,65	7,14				1,94	2,40	2,90	
EURO JET 33-215	338	215	130	3	11	120	5,50	3,95	7,14				1,97	2,50	3,00	
EURO JET 37-215	378	215	130	4	11	90	6,20	4,10	7,14				2,25	2,86	3,45	
EURO JET 44-215	448	215	130	5	11	90	7,50	5,60	7,14				2,70	3,20	3,85	

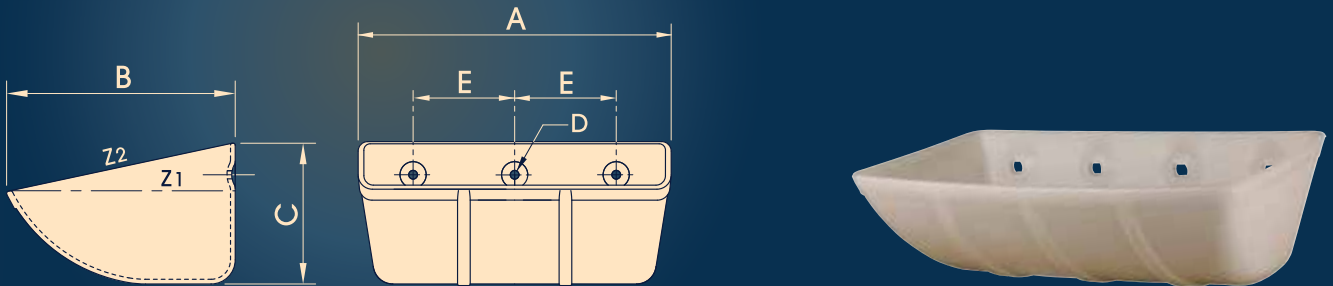
Use countersunk lug bolt (see page 13)

EUROJET®

PLASTIC MATERIAL INJECTED HDPE/PA6/PU/HDPE Z20

HDPE (High Density Polyethylene), PA6 (Polyamide), PU (Polyurethane)

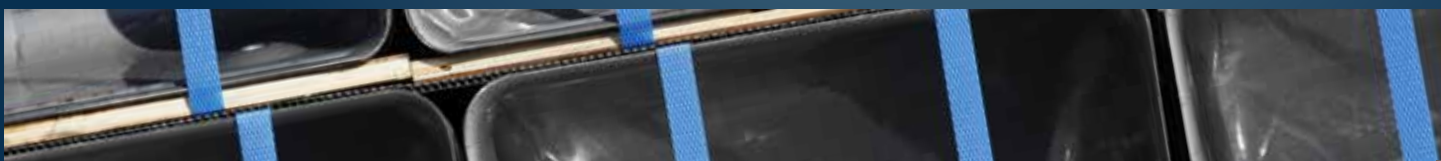
Cereals - Light materials - Pellets - Sticky materials - Heavy industry



N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg		
				Nbr	D mm	E mm	Z2 (l)	Z1 (l)		HDPE	PA 6	PU
EURO JET 10-090	110	97	69	2	8	50	0,33	0,24	14	0,077	0,092	0,096
EURO JET 13-120	145	122	83	2	8	70	0,69	0,46	11	0,126	0,151	0,157
EURO JET 15-120	160	131	85	2	8	80	0,94	0,60	11	0,156	0,186	0,195
EURO JET 18-140	188	149	93	2	8	100	1,20	0,84	10,5	0,264	0,315	0,329
EURO JET 20-165	207	176	115	2	11	100	2,17	1,67	9	0,361	0,431	0,450
EURO JET 23-165	242	172	117	2	11	120	2,42	1,60	9	0,380	0,454	0,474
EURO JET 28-165	292	170	116	3	11	80	2,90	2,00	9	0,459	0,548	0,573
EURO JET 30-180	318	186	135	3	11	100	4,04	2,97	8	0,766	0,915	0,955
EURO JET 33-215	339	222	145	3	11	120	4,44	3,19	7,14	0,746	0,891	0,931
EURO JET 37-215	383	219	142	4	11	90	6,06	4,20	7,14	0,822	0,982	1,025
EURO JET 44-215	455	223	143	5	11	90	7,39	4,59	7,14	1,148	1,372	1,432

Use countersunk lug bolt (see page 13)

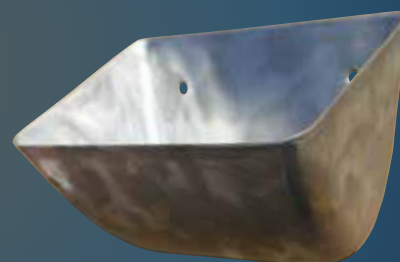
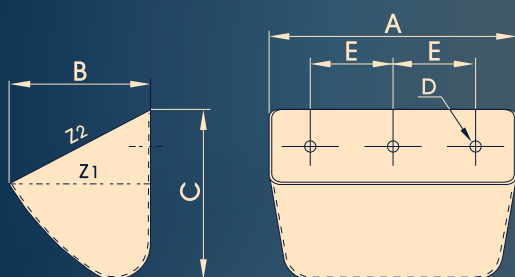
No contractual document



JET-R®

PRESSED STEEL

Cereals - Rice



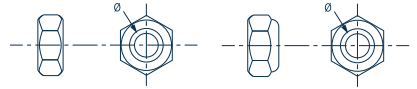
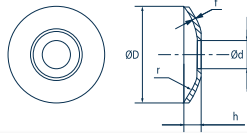
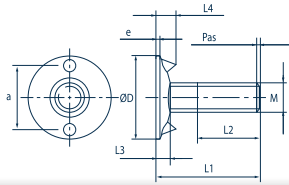
N°	A mm	B mm	C mm	Holes			Capacity		Buckets /mtr	Weight / Kg
				Nbr	D mm	E mm	Z ₂ (l)	Z ₁ (l)		1,5 mm
JET-R 5x4 14/100	141	105	121	2	8	88	0,90	0,54	7	0,36
JET-R 7x4 18/100	181	105	121	2	8	113	1,15	0,71	7	0,43
JET-R 6x5 15/135	151	139	155	2	8	78	1,55	0,90	6	0,70
JET-R 7x5 18/135	181	139	155	3	8	68	1,94	1,15	6	0,81
JET-R 9x5 23/135	231	139	155	3	8	78	2,65	1,65	6	0,93
JET-R 11x5 28/135	282	140	155	3	8	102	3,17	1,91	6	1,56


Use countersunk lug bolt (see page 13)

Other punching hole on request

BOLTS

For bucket with recessed holes



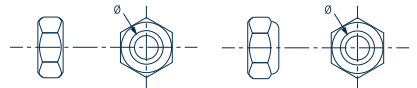
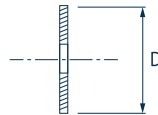
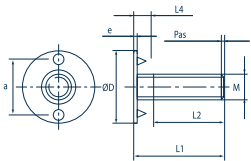
Countersunk lug bolt	Codification	M	L1	ØD	L2	Pas	L3	L4	a	eMax
Zinc*										
	04VEZS07025	7	25	20	18	1,00	3,5	5	14	1
	04VEZS07028	7	28	24	18	1,00	4,0	6	16	1
	04VEZS08030	8	30	25	20	1,25	4,5	6	18	1
	04VEZX08035	8	35	28	18	1,25	4,5	6	20	1
	04VEZS10040	10	40	35	30	1,50	5,5	7	25	1,5
	04VEZX10036	10	36	35	20	1,50	7,0	7	22	2,0

Codification	M	ØD	ød	h	r	f
Zinc*						
50ZREZ0724	7	24	8,2	3,4	22,8	1,2
50ZREZ0829	8	29	8,5	5,2	22,8	1,2
50ZREZ1038	10	38	11	5,3	45,5	2,0
50ZREZ1240	12	40	13	8,3	30	2,0

Codification	Nuts	Codification	Self locking nuts
Zinc*			
04EHZ07	M7	04EFZ07	M7
04EHZ08	M8	04EFZ08	M8
04EHZ10	M10	04EFZ10	M10
04EHZ12	M12	04EFZ12	M12

* Available in stainless steel

For bucket with no recessed holes



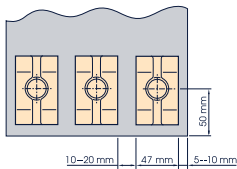
Flat lug bolt	Codification	M	L1	ØD	L2	Pas	L4	a	e
Zinc*									
	04VEZP06030	6	30	20	25	1,00	3,7	15	1,5
	04VEZP08030	8	30	30	23	1,25	4	22	1,5
	04VEZP10040	10	40	35	32	1,50	5	25	2

For plastic bucket				For steel bucket					
									
Codification	M	ØD	ød	f	Codification	M	ØD	ød	f
Zinc*				Zinc*					
04RPZ0624	6	24	6,3	1,2	04RPZ0614	6	14	6,3	1
04RPZ0830	8	30	8,3	1,5	04RPZ0818	8	18	8,3	1,5
04RPZ1036	10	36	10,5	2,0	04RPZ1022	10	22	10,5	2,0

Codification	Nuts	Codification	Self locking nuts
Zinc*			
04EHZ06	M6	04EFZ06	M6
04EHZ07	M7	04EFZ07	M7
04EHZ08	M8	04EFZ08	M8
04EHZ10	M10	04EFZ10	M10
04EHZ12	M12	04EFZ12	M12

* Available in stainless steel

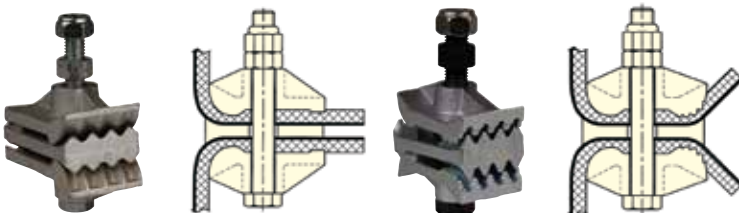
BELT JUNCTION



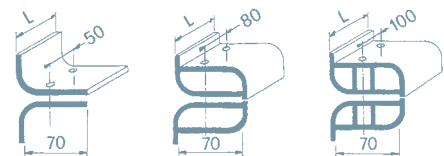
Drop forged steel

MAXIGRIP 1 - ≤ 630 N/mm

MAXIGRIP 2 - 800 N/mm à 1 600 N/mm



WELDED STEEL



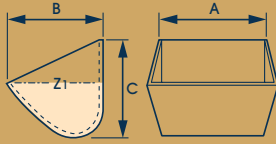
S	D	DR
100 N/mm à 315 N/mm	400 N/mm à 630 N/mm	800 N/mm à 1000 N/mm
L 50 - 98 - 128 - 148		

No contractual document



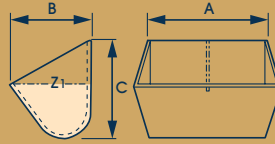
WELDED STEEL Heavy industry

DIN 15232



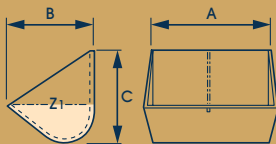
N°	A mm	B mm	C mm	Z1 (°)	Buckets/mtr
NJS 160-125	160	125	132	0,90	7,00
NJS 200-140	200	140	150	1,40	6,00
NJS 250-160	250	160	170	2,24	5,50
NJS 315-180	315	180	190	3,55	5,00
NJS 400-200	400	200	212	5,50	4,50
NJS 500-224	500	224	236	9,00	4,00
NJS 630-250	630	250	265	14,00	3,50
NJS 800-280	800	280	300	23,30	3,00

DIN 15234



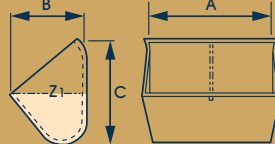
N°	A mm	B mm	C mm	Z1 (°)	Buckets/mtr
NJS 160-160	160	160	200	1,90	4,50
NJS 200-160	200	160	200	2,40	4,50
NJS 250-200	250	200	250	4,60	3,50
NJS 315-200	315	200	250	5,80	3,50
NJS 400-224	400	224	280	9,40	3,00
NJS 500-250	500	250	315	14,90	3,00
NJS 630-280	630	280	355	23,50	2,50
NJS 800-315	800	315	400	37,30	2,00
NJS 1000-355	1000	355	450	58,30	2,00

DIN 15233



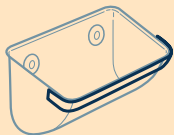
N°	A mm	B mm	C mm	Z1 (°)	Buckets/mtr
NJS 160-160	160	160	180	1,20	5,00
NJS 200-160	200	160	180	1,50	5,00
NJS 250-200	250	200	224	3,00	4,00
NJS 315-200	315	200	224	3,80	4,00
NJS 400-224	400	224	250	5,90	3,50
NJS 500-250	500	250	280	9,30	3,00
NJS 630-280	630	280	315	14,60	3,00
NJS 800-315	800	315	355	23,30	2,50
NJS 1000-355	1000	355	400	37,60	2,00

DIN 15235

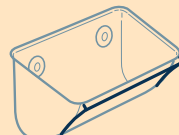


N°	A mm	B mm	C mm	Z1 (°)	Buckets/mtr
NJS 160-160	160	160	224	1,90	4,00
NJS 200-160	200	160	224	2,40	4,00
NJS 250-200	250	200	280	4,60	3,00
NJS 315-200	315	200	280	5,80	3,00
NJS 400-224	400	224	315	9,40	3,00
NJS 500-250	500	250	355	14,90	2,50
NJS 630-280	630	280	400	23,50	2,00
NJS 800-315	800	315	450	37,30	2,00
NJS 1000-355	1000	355	500	58,30	1,50

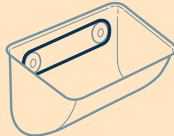
POSSIBLE OPTIONS ALL STEEL BUCKETS



Welded front reinforcement



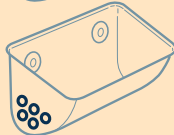
Front reinforcement moulding



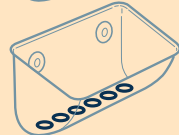
Bolted rear reinforcement



Rear reinforcement moulding



Lateral borings

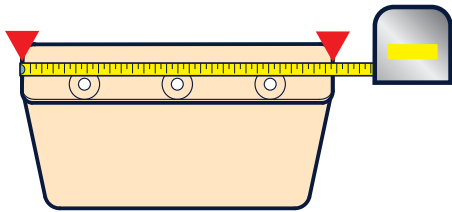


Bottom borings

SPECIAL BUCKETS

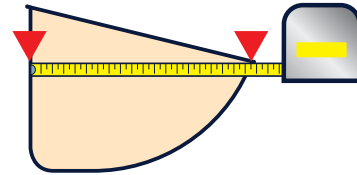
Technical research and quotation on request

HOW TO MEASURE A BUCKET ?



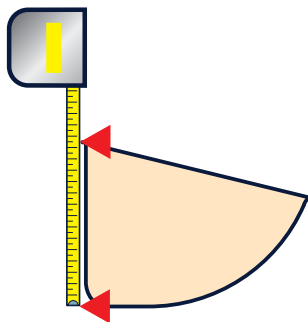
Width of the bucket:
External measurement

A



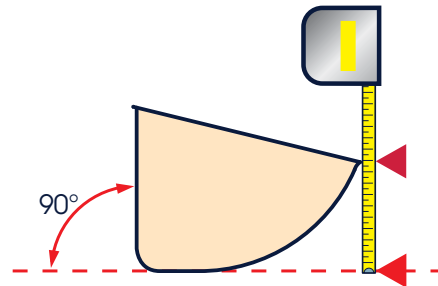
Profile of the bucket:
*Bucket lying on its back against a wall
Measurement horizontal from the back to the edge*

B



Height of the bucket:
Measurement of the total height

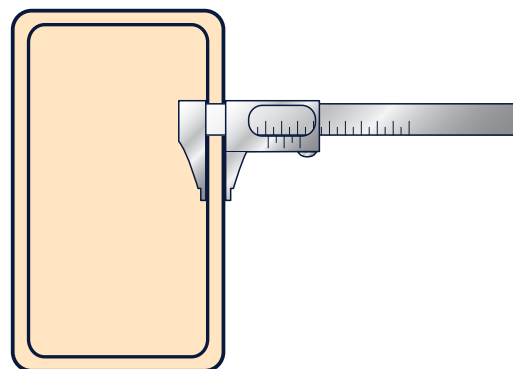
C



Height at the edge:
*Bucket lying on its back against a wall
Measurement from the height to the edge*

F

Thickness:
Measurement of the thickness with a caliper rule





SUZHOU



STIF ASIA

SINGAPORE



JAKARTA





BELTJET®



p.18 **JET[®]OIL**

MEDIUM OIL RESISTANT ELEVATOR BELT

IRM 902<15%



NEW



p.19 **JET[®]OIL VLE**

VERY LOW ELONGATION
MEDIUM OIL RESISTANT ELEVATOR BELT

IRM 902<15%

Without slipping



p.20 **JET[®]FLAM**

FLAME RETARDANT ELEVATOR BELT

ISO 340



NEW



p.21 **JET[®]FLAM VLE**
SUPER OIL 100% NBR

VERY LOW ELONGATION
VERY HIGH OIL RESISTANCE
FLAME RETARDANT ELEVATOR BELT

ISO 340
IRM 903<5%

Without slipping



NEW



p.22 **JET[®]FDA VLE**

VERY LOW ELONGATION
VERY HIGH OIL RESISTANCE
FOOD QUALITY ELEVATOR BELT

FDA
1935/2004 CE
ISO 340
IRM 903<5%

Without slipping



p.23 **JET[®]ABRA**

ANTI ABRASIVE ELEVATOR BELT

ISO 4649
<150mm³



p.24 **JET[®]THERM**

HIGH TEMPERATURE ELEVATOR BELT

150°C
ISO 4649
<100mm³



p.25

HOW TO CHOOSE YOUR BELT

GB Made in China

EU Made in France





JET[®]OIL

EU

GB



DURABLE



TEMPERATURE



ANTISTATIC



ANTIABRASIVE

MEDIUM OIL RESISTANT ELEVATOR BELT

COATING:

- SBR/NBR black rubber
- Antistatic
- Vegetal and animal medium fat resistant
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive: ISO 4649 < 150 mm³

TEXTILE CARCASS:

- Polyester chain
- Polyamide weft

WORKING TEMPERATURE:

EU

- -25°C to +80°C

GB

- -10°C to +80°C

CHARACTERISTICS JET[®]OIL

	EU				EU			GB		
RUPTURE STRENGTH (PIW)	168	252	330	440	570	700	900	570	700	900
RUPTURE STRENGTH (N/MM)	315	500	630	800	1000	1250	1600	1000	1250	1600
Number of Plies	2	3	3	4	Use Belt JET OILVLE (Ref. p.5)			4	4	4
Thicknesses* (mm) + Coating Total (mm)	2+1 5,3	2+1 6,2	3+1 7,9	3+1 9,3				3+1 11,4	3+1 11,8	3+1 12,4
Average weight (kg/m ²)	6,7	7,8	9,4	11,1				14,3	14,8	15,6
Minimum Roll Diameter (mm). Covered Pulley	200	315	400	500				630	800	800
Minimum Roll Diameter (mm). Uncovered Pulley	250	400	500	630				800	1000	1000
Width maximum advised (mm)	400	630	800	1000				1290	1500	1815

*Tolerances: Coating Thicknesses +/- 0,2mm — Total Thickness +/- 1mm — Width +/- 1% — +/- 5mm minimum

NEW

**WITHOUT
SLIPPING**



JET[®]OIL^{VLE}



VERY LOW ELONGATION AND MEDIUM OIL RESISTANT ELAVATOR BELT

- No elongation after first installation
- Simplified installation = One final tensioning
- Enhanced security = Not slip
- Maintenance free

COATING :

- **Very Low Elongation 0,8%**
- SBR/NBR black rubber
- Antistatic
- Vegetal and animal medium fat resistant
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive : ISO 4649 < 150 mm³

TEXTILE CARCASS :

- Polyester chain • Weft and link polyamide

WORKING TEMPERATURE :

- -25°C to +80°C



DURABLE



TEMPERATURE



ANTISTATIC



ANTIABRASIVE

CHARACTERISTICS **JET[®]OIL^{VLE}**

RUPTURE STRENGTH (PIW)	220	330	440	570	700	900
RUPTURE STRENGTH (N/MM)	400	630	800	1000	1250	1600
Number of Plies	1	1	1	2	2	2
Thicknesses* (mm) + Coating Total (mm)	2+1 4,9	3+1 6,1	3+1 6,9	3+1 10,0	3+1 10,2	3+1 11,9
Average weight (kg/m ²)	5,9	7,4	8,3	10,2	10,4	12,2
Minimum Roll Diameter (mm). Covered Pulley	200	250	315	630	630	800
Minimum Roll Diameter (mm). Uncovered Pulley	250	315	400	800	800	1000
Width maximum advised (mm)	650	1000	1250	1600	1800	1800

*Tolerances: Coating Thicknesses +/-0,2mm — Total Thickness +/- 1mm — Width +/- 1% — +/-5 mm minimum

No contractual document





JET[®]FLAM

EU GB ATEX



FAT-RESISTANT



DURABLE



TEMPERATURE



ANTISTATIC



ANTIABRASIVE

FLAME RETARDANT ELEVATOR BELT ATEX

COATING :

- SBR/NBR black rubber
- Antistatic
- Flame resistant ISO 340
- Vegetal and animal medium fat resistant
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive: ISO 4649 < 170 mm³

TEXTILE CARCASS :

- Polyester chain • Polyamide weft

WORKING TEMPERATURE :

- -20°C to +80°C

CHARACTERISTICS JET[®]FLAM

	EU GB				EU			GB		
RUPTURE STRENGTH (PIW)	168	252	330	440	570	700	900	570	700	900
RUPTURE STRENGTH (N/MM)	315	500	630	800	1000	1250	1600	1000	1250	1600
Number of Plies	2	3	3	4	Use Belt JET OILVLE (Ref. p.5)			4	4	4
Thicknesses* (mm) + Coating Total (mm)	3+1 6,3	3+1 7,2	3+1 7,9	3+1 9,3				3+1 10	3+1 11,5	3+1 13,3
Average weight (kg/m ²)	8,9	9,8	10,2	12,0				12,9	14,3	15,4
Minimum Roll Diameter (mm). Covered Pulley	200	315	400	500				630	800	800
Minimum Roll Diameter (mm). Uncovered Pulley	250	400	500	630	800	1000	1000			
Width maximum advised (mm)	400	630	800	1000	1290	1500	1815			

*Tolerances: Coating Thicknesses +/- 0,2mm — Total Thickness +/- 1mm — Width +/- 1% — +/- 5 mm minimum

NEW**WITHOUT
SLIPPING**

ATEX

**JET[®] FLAM VLE**
SUPER OIL 100% NBR

DURABLE



TEMPERATURE



ANTISTATIC



ANTIABRASIVE



VERY LOW ELONGATION AND VERY HIGH OIL RESISTANCE ATEX

- No elongation after first installation
- Simplified installation = One final tensioning
- Enhanced security = Not slip
- Maintenance free

COATING:

• Very Low Elongation 0,8%

- 100 % NBR black rubber
- Antistatic • Flame resistant ISO 340
- Mineral, vegetal and animal high fat resistant
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive : ISO 4649 < 170 mm³

TEXTILE CARCASS:

- Polyester chain • Weft and link polyamide

WORKING TEMPERATURE:

- -25°C to +80°C

CHARACTERISTICS **JET[®] FLAM VLE** SUPER OIL 100% NBR

RUPTURE STRENGTH (PIW)	220	330	440	570	700	900
RUPTURE STRENGTH (N/MM)	400	630	800	1000	1250	1600
Number of Plies	1	1	1	2	2	2
Thicknesses* (mm) + Coating Total (mm)	3+1 5,9	3+1 6,1	3+1 6,9	3+1 10,0	3+1 10,2	3+1 11,9
Average weight (kg/m ²)	7,8	8,1	9,0	11,0	11,2	13,0
Minimum Roll Diameter (mm). Covered Pulley	200	250	315	630	630	800
Minimum Roll Diameter (mm). Uncovered Pulley	250	315	400	800	800	1000
Width maximum advised (mm)	650	1000	1250	1600	1800	1800

*Tolerances: Coating Thicknesses +/-0,2mm — Total Thickness +/- 1mm — Width +/- 1% — +/- 5 mm minimum

No contractual document





DURABLE



TEMPERATURE



ANTISTATIC



ANTIABRASIVE

JET[®] FDA VLE EU ATEX

NEW
WITHOUT SLIPPING



VERY LOW ELONGATION AND VERY HIGH OIL RESISTANCE ALIMENTARY ELEVATOR BELT ATEX

- No elongation after first installation
- Simplified installation = One final tensioning
- Enhanced security = Not slip
- Maintenance free

COATING:

- **Very Low Elongation 0,8%**
- NBR white rubber
- Antistatic • Flame resistant ISO 340
- Vegetal and animal oil fat resistant
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive : ISO 4649 < 200 mm³

TEXTILE CARCASS:

- Polyester chain • Weft and link polyamide

WORKING TEMPERATURE:

- -25°C to +80°C/peak +100°C

CHARACTERISTICS **JET[®] FDA VLE**

	220	330	440	570	700	900
RUPTURE STRENGTH (PIW)	220	330	440	570	700	900
RUPTURE STRENGTH (N/MM)	400	630	800	1000	1250	1600
Number of Plies	1	1	1	2	2	2
Thicknesses* (mm) + Coating Total (mm)	3+1 5,9	3+1 6,1	3+1 6,9	3+1 10,0	3+1 10,2	3+1 11,9
Average weight (kg/m ²)	7,9	8,2	9,1	11,1	11,3	13,1
Minimum Roll Diameter (mm). Covered Pulley	200	250	315	630	630	800
Minimum Roll Diameter (mm). Uncovered Pulley	250	315	400	800	800	1000
Width maximum advised (mm)	650	1000	1250	1600	1800	1800

*Tolerances: Coating Thicknesses +/- 0,2 mm — Total Thickness +/- 1 mm — Width +/- 1% — +/- 5 mm minimum

No contractual document



ISO 4649
< 150 mm³



DURABLE



ISO284 < 300Mn

ANTISTATIC



TEMPERATURE

ANTI ABRASIVE ELEVATOR BELT

COATING:

- SBR/NBR black rubber
- Anti abrasive • Antistatic
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive: ISO 4649 < 150 mm³

TEXTILE CARCASS:

- Polyester chain • Polyamide weft

WORKING TEMPERATURE:

- -25°C to +80°C

CHARACTERISTICS **JET[®]** ABRA

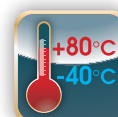
RUPTURE STRENGTH (PIW)	330	440	570	700	900
RUPTURE STRENGTH (N/MM)	630	800	1000	1250	1600
Number of Plies	4	4	4	4	4
Thicknesses* (mm) + Coating Total (mm)	3+1 8,6	3+1 9,3	3+1 10,0	3+1 11,5	3+1 12,5
Average weight (kg/m ²)	10,6	11,1	11,7	12,1	13,7
Minimum Roll Diameter (mm). Covered Pulley	400	500	630	800	800
Minimum Roll Diameter (mm). Uncovered Pulley	500	630	800	1000	1000
Width maximum advised (mm)	800	1000	1250	1600	1600

*Tolerances: Coating Thicknesses +/- 0,2 mm — Total Thickness +/- 1 mm — Width +/- 1% — +/- 5 mm minimum

SPECIFIC ELEVATOR BELT ON REQUEST

JET[®] ABRACOLD

- Cold resistant, until -40°C



TEMPERATURE

No contractual document





ANTISTATIC



DURABLE

HIGHT TEMPERATURE ELEVATOR BELT

COATING :

- EPDM black Rubber
- Antistatic
- 3+1 : 3 mm pulley side for a better adherence and a longer lifetime
- Antiabrasive: ISO 4649< 100 mm³

TEXTILE CARCASS :

- Polyester chain
- Polyamide weft

WORKING TEMPERATURE :

- -20°C to +150°C

CHARACTERISTICS JET[®]THERM

RUPTURE STRENGTH (PIW)	252	330	440	570	700	900
RUPTURE STRENGTH (N/MM)	500	630	800	1000	1250	1600
Number of Plies	3	4	4	4	4	4
Thicknesses* (mm) + Coating Total (mm)	3+1 7,2	3+1 8,6	3+1 9,3	3+1 10	3+1 11,5	3+1 12,5
Average weight (kg/m ²)	8,4	9,9	10,4	11,0	11,4	13,0
Minimum Roll Diameter (mm). Covered Pulley	315	400	500	630	800	800
Minimum Roll Diameter (mm). Uncovered Pulley	400	500	630	800	1000	1000
Width maximum advised (mm)	500	800	1000	1250	1600	1600

*Tolerances: Coating Thicknesses +/- 0,2mm — Total Thickness +/- 1mm — Width +/- 1% — +/- 5mm minimum



ACID RESISTANT

SPECIFIC ELEVATOR BELT ON REQUEST

JET[®]THERMSECU

- Acids resistant
- Fertilizer resistant
- Wood resistant
- Green Malt resistant



HOW TO CHOOSE YOUR BELT ?

RANGE		NEW		NEW		NEW		
		JET[®]OIL	JET[®]OIL VLE	JET[®]FLAM	JET[®]FLAM VLE <small>SUPER OIL 100% NBR</small>	JET[®]FDA VLE	JET[®]ABRA	JET[®]THERM
QUALITY		SBR/NBR	SBR/NBR	SBR/NBR	100% NBR	100% NBR WHITE	SBR/NBR	EPDM
VERY LOW ELONGATION		—	****	—	****	****	—	—
OIL RESISTANT		**	**	**	****	****	—	—
FLAM RESISTANT		—	—	***	***	***	—	—
ALIMENTARY BELT		—	—	—	—	****	—	—
DURABLE		**	**	**	**	**	**	**
TEMPERATURE		+80°C -25°C	+80°C -25°C	+80°C -20°C	+80°C -25°C	+80°C -25°C	+80°C -25°C	+150°C -20°C
ANTISTATIC		***	***	***	***	***	***	***
ANTIABRASIVE		***	***	***	***	**	***	****

SPECIFIC ELEVATOR BELT

		JET[®]ABRACOLD	JET[®]THERMSECU
TEMPERATURE		+80°C / -40°C	+120°C / -20°C
ACID RESISTANT		—	***
		: Good *: Very Good *****: Excellent	





▣ BEARING TEMPERATURE SENSOR
VIGITHERM GST 100



▣ MOTION CONTROLLER WITH INTEGRATED PULSE COUNTER SWITCH
VIGIRO IP 26



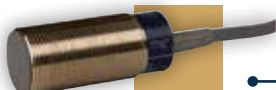
▣ DUSTPROOF BELT ALIGNMENT SYSTEM
VIGIBELT TOUCH



▣ LEVEL & CHOKE SENSOR
VIGIMAT DNC 30



▣ LEVEL & CHOKE SENSOR
VIGIMAT DNC 30



▣ DUSTPROOF BELT ALIGNMENT SYSTEM
VIGIBELT CDS 80 C



▣ DUSTPROOF UNDER SPEED MONITOR
VIGIRO SV 26



▣ BEARING TEMPERATURE SENSOR
VIGITHERM GST 100





SENSORJET®

SAFETY EQUIPMENTS
FOR ELEVATOR BUCKETS

p.28

VIGIBELT® TOUCH

DUSTPROOF BELT ALIGNMENT SYSTEM



p.29

VIGIBELT® CDS 80 C

DUSTPROOF BELT ALIGNMENT SYSTEM



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GIRO® L

MOTION CONTROLLER STEEL SUPPORT
WITH/WITHOUT INDUCTIVE SWITCH



p.31

VIGIRO® IP 26 VIGIRO® SV 26

MOTION CONTROLLER WITH INTEGRATED
PULSE COUNTER SWITCH



p.32

VIGITHERM® GST 100

BEARING TEMPERATURE SENSOR  ATEX



p.34

M-JET®

MONITORING SYSTEM



VIGIBELT® TOUCH

DUSTPROOF BELT ALIGNMENT SYSTEM —  ATEX 21 (II 2D) IP67 T 80°C

CONTROL

ACTIVATED BY THE BELT CONTACT

INSTALLATION

INSTALLED OUTSIDE THE ELEVATOR LEG
PER PAIR (Supply with gasket and bolts)

CASING OPENING OF Ø62 mm
ON THE RISING LEG

BOLTS CENTER TO CENTER: 85X55 mm

BOLTS DIAMETER: M6



STANDARDS



Eligible for the standard ATEX 94/9/EC ; EN 50014 ;
EN 50281-1-1 ; IEC 61241-0 ; IEC 61241-1 ; ISO 13849-1

Activated by the belt contact > 5 daN

► The VIGIBELT TOUCH devices can be connected directly to a central control area or to the monitoring system M-JET



VIGIBELT TOUCH	Volt	Connection	No ATEX 	 ATEX 21
	12-250 V AC/DC	Cable *	55 KVT 9ME42T	55 KVT 7ME45T

* Cable  2m-  21: 10m

Non contractual document



VIGIBELT® CDS 80 C

DUSTPROOF BELT ALIGNMENT SYSTEM —  ATEX 21 (II 2D) IP67 T 80°C

CONTROL

INTEGRATED INDUCTIVE DETECTOR

- Preset control range:
15 / 20 / 25 / 30 / 36 (mm) Inner side of the elevator leg
- Control precision: (On request it is possible to preset in our works the control distance)

INSTALLATION

INSTALLED OUTSIDE THE ELEVATOR LEG
PER PAIR (Supply with gasket and bolts)

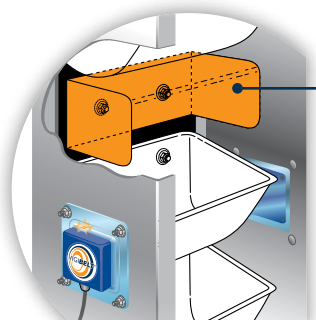
SQUARE OPENING OF 110 (mm) ON THE RISING LEG

STANDARDS

Eligible for the standard EC 61508 SIL 2
(provides you install 2 sensor per side)

Activated without belt contact, by inductive detector and metal bucket

► The VIGIBELT CDS80C devices can be connected directly to a central control area or to the monitoring system M-JET

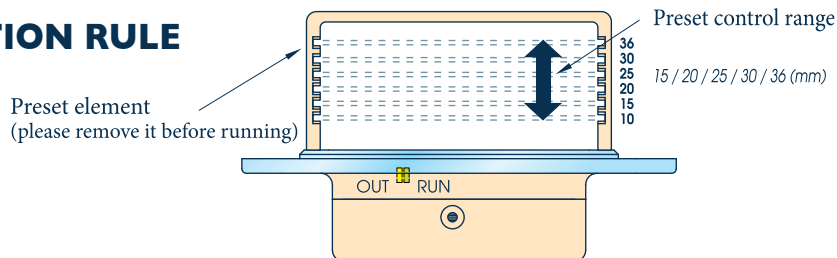




EAZY▶DETECT





*** EAZY▶DETECT:** Steel target installed in place of an elevator bucket

GRADUATION RULE



VIGIBELT CDS 80 C	Volt	Connection	No Atex 	 Atex 21
	10-36 V DC	Cable *	55 KDS 980100	55 KDS 780100
20-264 V AC/DC	Cable *	55 KDS 980110		

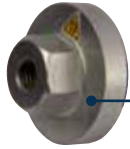
* Cable  2m -  21:10m

Non contractual document



GIRO[®] L

MOTION CONTROLLER STEEL SUPPORT WITHOUT INDUCTIVE SWITCH



EZYFIX *



GIRO[®] L

MOTION CONTROLLER STEEL SUPPORT WITH INDUCTIVE SWITCH

INDUCTIVE UNDER SPEED MONITOR:

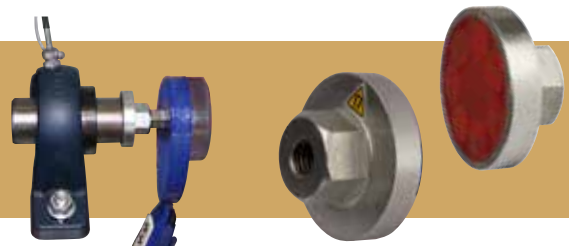
		Volt	Connection
GIRO L SV30	<ul style="list-style-type: none"> • Diameter 30: 5 to 300 pulses/min • Electronic adjustment 	10-58 V DC	Conector M12
		20-264 V AC/DC	Conector
GIRO L SV18	<ul style="list-style-type: none"> • Diameter 18: 3 to 6000 pulses/min • Preset at -20% 	10-58 V DC	Conector
			M12

CONTADOR DE IMPULSOS INDUCTIVO:

		Volt	Connection
GIRO L IPI8	<ul style="list-style-type: none"> • Diameter D18 	10-58 V DC	Conector
			M12
		20-264 V AC/DC	Conector
			M12

* **OPTIONAL: EZYFIX M8**

• Magnetic fitting (to avoid tapping)



Non contractual document



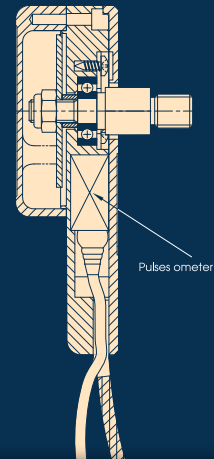
VIGIRO® IP 26

MOTION CONTROLLER WITH INTEGRATED PULSE COUNTER SWITCH

ATEX 21 (II 2 D) IP67 T 80°C



EAZYFIX *



CONTROL:

- Integrated inductive detector
- Vmax: 500 t/min

QUICK FITTING TO SHAFT:

- M12 assembling (M10 optional)
- Anti rotative flexible starrp

VIGIRO IP26	Volt	Connection	No Atex ⊗	Atex 21
	10-36 V DC	Cable	55 CRCI 91250 T	55 CRCI 71251 T
	20-264 V AC/DC	Cable	55 CRCI 91253 T	

*Cable ~~⊗~~ 2m - ~~⊗~~ 21 : 10m

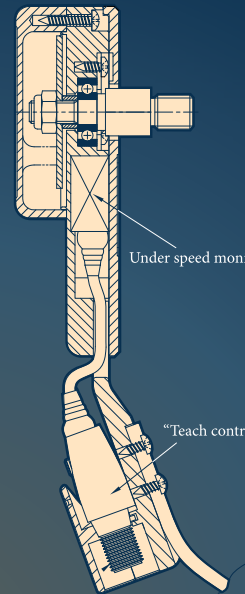
VIGIRO® SV 26

MOTION CONTROLLER WITH INTEGRATED UNDER SPEED SWITCH

ATEX 21 (II 2 D) IP67 T 80°C



EAZYFIX *



CONTROL:

- Integrated inductive detector from 6 to 6000 pulses/min
- Preset under speed level -33/-20/-11/-6 (%)
- Vmax: 500 t/min

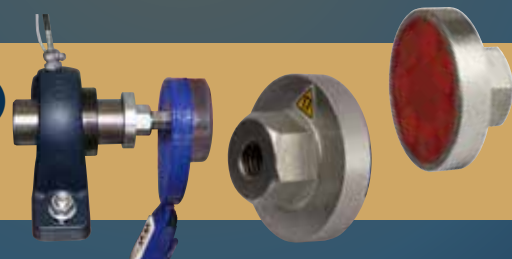
QUICK FITTING TO SHAFT:

- M12 assembling (M10 optional)
- Anti rotative flexible starrp

VIGIRO SV26	Volt	Connection	No Atex ⊗	Atex 21
	10-36 V DC	Cable	55 CRSV 91200 T	55 CRSV 71200 T
	20-264 V AC/DC	Cable	55 CRSV 91201 T	

* OPTIONAL: **EAZYFIX** M12 (or M10)

- Magnetic fitting (to avoid tapping)



No contractual document



VIGITHERM[®] GST 100

BEARING TEMPERATURE SENSOR



GST 100 LG



GST 100 HX



BEARING TEMPERATURE SENSOR PT 100 CLASS B DIN IEC 751

- Explosion proof for explosive atmosphere
- Rated for ATEX Zone 21, Dust
- Requires connection through an intrinsic safety barrier for use in ATEX zones
- PT100 sensors require connection to an appropriate signal conditioning device
- ¼ inch grease fitting adapter
- Teflon coated and braided cable, 10 M
- Operating temperature: -200°C to +200°C
- Approval type INERIS 03 ATEX 0120
- Assembly certified ATEX II2 G/D EEx ia T6T5 or T4

BEARING TEMPERATURE SENSOR PT 100

- Explosion proof for explosive atmosphere
- Rated for ATEX Zone 20, continuous dust
- Intrinsic safety barrier not needed for supply voltage ≤ 30 VDC
- PT100 sensors require connection to an appropriate signal conditioning device
- Lug style terminal for attaching to ⅜ or ¼ inch grease fitting
- Teflon coated and braided cable, 3 M
- Operating temperature: -50°C to +180°C
- Approval type LCIE 03 ATEX 6008X
- Assembly certified ATEX III1 D Ex tD A20 IP64 T80

► The VIGITHERM GST100 HX devices can be connected directly to a central control area or to the monitoring system M-JET

	Connection	Atex 21	Atex 20
GST 100 LG	Cable *	55 GST 7100 P	
GST 100 HX	Cable *		55 GST 7100 J

* Cable 2m- 21: 10m- 20: 10m

Non contractual document



FRANCE

SPAIN

SINGAPORE

CHINA

INDONESIA

PANAMA

SUZHOU

STIF
ASIA

SINGAPORE

JAKARTA

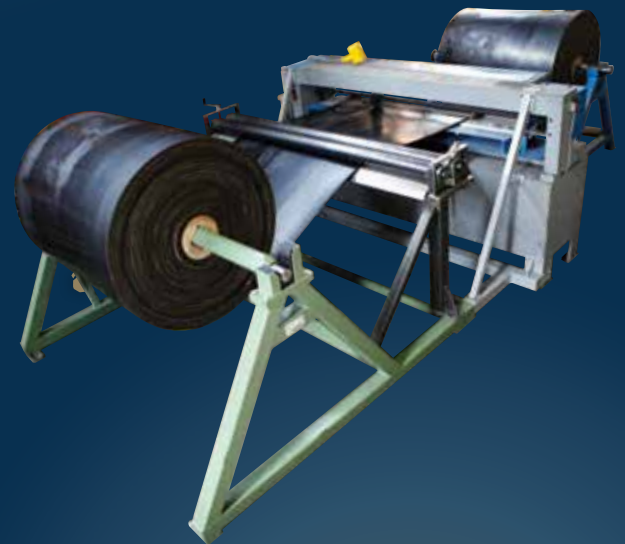
Components for buckets elevator

PRODUCTS

- Plastic and steel buckets
- Elevator belt
- Elevator bolts
- Safety equipments

SERVICES

- Big stock
- Buckets : punching
- Belt cutting and punching service
- Technical support



STIF ASIA

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PRESENTATION

STIF is proud to introduce the **M-JET MONITORING SYSTEM**.

The **M-JET** is a multi-function hazard monitor able to run with different equipment like bucket elevator, conveyor system and screw conveyor.

The **M-JET** analyses the data sent by the sensors installed on equipment and save the eventual defects. According the setting, it sends alarms and commands the stopping of the conveyor.

IT CAN MONITOR THE FOLLOWING HAZARDS:

- Belt misalignment using sensors with or without contact
- Under speed due to belt slip on the pulley
We check comparing the nominal speed
- Bearing temperature using sensor **PT100**
- Material jam in conveyor entry or exit

THE OPERATING LICENSE OF THE SYSTEM IS REALIZED BY RELAY OUTPUTS

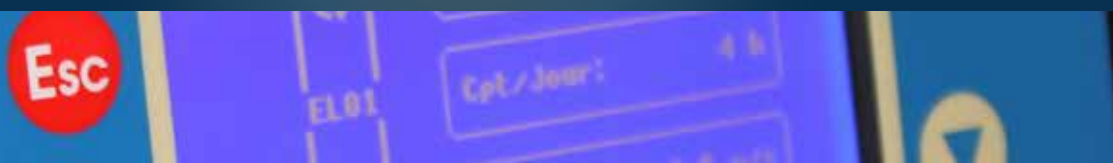
■ **M-JET 1:**

Autonomous M-JET for a bucket elevator
without network connection or PLC



■ **M-JET 1 NT:**

M-JET compatibility
with local network PLC / PC



SPECIFICATIONS

■ ARCHITECTURE:

CASE WITH LARGE SCREEN AND KEYS

■ LANGUAGES:

- English, French, Spanish, German and Italian

■ DISPLAY: THE CONVEYOR APPEARS ON A LCD SCREEN

TYPES OF CONVEYORS:

- Bucket elevator;
- Chain conveyer
- Belt conveyor
- Screw conveyor

DISPLAY OF THE RUNNING CONDITION:

- Defect
- Conveyor speed
- Run
- Running time by day/accumulated

■ SETTING:

THERE IS 2 WAYS TO DO THE SETTING

- **Manual setting:** with the keyboard on the screen
- **USB setting:** the monitor can be setting with an USB key already loaded with the setting of another device

■ ALARM MANAGEMENT:

- Display on the screen of the current defect
- Drive sound alarm or light
- Stop of the conveyor

■ HISTORIC DATA ANALYSIS:

- **Historic of defects:** M-JET can save 300 defects
- **Historic of setting modification:** Save the 365 last setting modification
- **Historic of daily running time of the device for 365 days**

■ HISTORIC COLLECTION:

Events can be directly view on the screen or download on a USB key in CSV format

■ SENSORS OPERATED BY THE M-JET:

- 2 belt speed sensors
- 5 bearing temperature
- 8 belt alignment sensors
- 2 jam sensor

■ STANDARDS:

- EN50495
- SIL2 - EN61508 - SIL2 Functional safety
- EN61326-1 CEM Electromagnetic compatibility
- EN61010-1 Safety electric device





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