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E	nitra	nitra Sp. z o.o. a 62, 58-300 Walbrzycl -74) 887-02-20 do 25) 843-91-40; 887-02-23 l: <u>enitra@enitra.pl</u> net: www.enitra.pl	h ș	(IODULAF (Z	SURVEY R BELT FOR SPIRAL CONVEYOR al. nr P.18-14		DATE
From:	:	Тс	D :		Date):	
		C	C:		Reg	arding:	
Custo Addre Conta Rema	omer: ess: act person ırks:		Te Fa E-	el-Nr: ax Nr: Mail:		OEM Final Custo New contac	mer 🗌 :t 🗌
1.	Product and Proce	ess					Units
1.1	Produkt	Dane techn.:					
	Product size:		Max. dim	ensions	: Packaging	:	
1 1 1			Length L	n =	No packaging		mm
110			Width h		Palotto/par/	tray	mm
1.1.2							111111
1.1.3	b _p	I p ▲	Height	n _P =	Box/cage Packaging		mm
1.1.4	_ m _p ♥		Weight	m _P =	weight.	motorial	g/unit
1.1.5	Product properties Soft Date	mp/Wet	Sticky		Specify:	material	
1.1.6	Fatty I Bri		Delicate				
	Product arrangement		Arrangem	ent on sti	aight running belt (inru	n):	
1.1.7	min.spacing Rows/m	Product/rząd	Oty of pro	ductf per	raw n _R =		
118	collapsed		Oty of ray	is por mo	er of belt n =		
1.1.0			Max prod	uct load r	per meter		ka/m
1.1.3		1m. Input	max. prou				Kg/III
1 1 10	or define on collapsed belt:						
1.1.10	Min. spacing between the products						mm
1.2	Process	Freezer.:	Cooler: al data (sp	ecify):	Proofer:		
1.2.1	Process features	Temperature T=			Humidity		°C/°F
1.2.2	Air circulation	Fan quantity			Forced ventilation		
4.0.0	Product f				High air velocity		00
1.2.3	Product parameters	Inteed temperatu	ıre		Outfeed temperature		°C
1.2.4	Production output	Product's rate unit	t/h		Canacity/Mass flow		m/mn
~		i iouuci s late ulli	011		Gentle startup		NY/11
1.2.5	Operating conditions	Direct startup			1		
1.2.5	Operating conditions	Direct startup Frequent startup	, holup		Often product change o	ver	
1.2.0	Operating conditions	Direct startup Frequent startup Production on 3 s	, holup shifts a day		Often product change o	ver	
1.2.0 1.2.6	Operating conditions	Direct startup Frequent startup Production on 3 s Belt and drum dr	, holup shifts a day ive with the of cleanin		Often product change o nverter. = variable velocit	ver	
1.2.0 1.2.6 1.3 1.3.1	Operating conditions Cleaning Cleaning process	Direct startup Frequent startup Production on 3 s Belt and drum dr No frequency Dry cleaning brus	, holup shifts a day ive with the of cleanin sh/suck	help of co	Often product change o nverter. = variable velocit Unknown Vet cleaning	ver y)	
1.2.0 1.2.6 1.3 1.3.1	Operating conditions Cleaning Cleaning process	Direct startup Frequent startup Production on 3 s Belt and drum dr No frequency Dry cleaning brus Height pressure	, holup shifts a day ive with the of cleanin sh/suck	help of co	Often product change o nverter. = variable velocit Unknown Vet cleaning Cleansing system fitted	ver _ y)	
1.2. 1.2. 1.2. 1.3. 1.3. 1.3. 1.3. 2	Operating conditions Cleaning Cleaning process Cleaning conditions	Direct startup Frequent startup Production on 3 s Belt and drum dr No frequency Dry cleaning brus Height pressure Cold water up to 100	, holup shifts a day rive with the of cleanin sh/suck 40°C	help of co.	Often product change o nverter. = variable velocit Unknown Vet cleaning Cleansing system fitted Hot water up to 70°C Other? Description:	ver y)	
1.2. 0 1.2. 6 1.3 1.3.1 1.3.2 1.3.3	Operating conditions Cleaning Cleaning process Cleaning conditions Chemicals used	Direct startup Frequent startup Production on 3 s Belt and drum dr No frequency Dry cleaning brus Height pressure Cold water up to Steam up to 100 Without chemica Aggressive chem	, holup shifts a day rive with the of cleanin sh/suck 40°C 0°C lls nicals: techr	help of co	Often product change o nverter. = variable velocit Unknown Vet cleaning Cleansing system fitted Hot water up to 70°C Other? Description: Domestic vacuum clear (chemical formula, conce	ver	
1.2. 3 1.2. 6 1.3 1.3. 1 1.3. 2 1.3. 3	Operating conditions Cleaning Cleaning process Cleaning conditions Chemicals used	Direct startup Frequent startup Production on 3 s Belt and drum dr No frequency Dry cleaning brus Height pressure Cold water up to Steam up to 100 Without chemica Aggressive chem	, holup shifts a day rive with the of cleanin sh/suck 40°C 0°C lls nicals: techr	help of co.	Often product change o nverter. = variable velocit Unknown Vet cleaning Cleansing system fitted Hot water up to 70°C Other? Description: Domestic vacuum clear (chemical formula, conce	ver	

2.	Configuration an	d dimensions			Obli	gatory poin	ts: 2.1 i 2.2	Units
2.1	Type and configuratio	n						
2.1.1	Type: Single unit			Upwards/upg	oing 🗌	Downwards/ oing	′ ^{downg}	
2.1.2	Turnover direction	clockwise		counter- clockwise				
2.1.3	Angle between the I 0° (straight line)	nrun and Outrun:		180° 🗌		270° 🗌	+	
2.1.4	Type: Double unit			Up-downgoin	g 🗌	Down-upgoi	ng	
2.1.5	Crossing layout: straight	diagonal [®]		Inrun position Inrun position 6 4 6 7 4 or 1 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A or B?	tion: techn.da Outrun posit Outrun posit 3 4 8 8	ta. 1 to 8 ion A or B ? ion 2 6 B 6 B 1	
2.1.6	Note: in case of non separate sheet!	e of above layout	ts ap	\rightarrow plea	ase provi	de drawing	on	
2.2	Spiral Main Dimensions Dual sprals have fundamentally similar dimensins; if A spiral is not same as B spiral -> please provide measurements for both A and B							
2.2.1			•	Diamete cage	r /drumm/	D _i =		m
2.2.2				Belt wid	th	b _o =		mm
2.2.3				Tier heig	ght	h =		mm
2.2.4				Number	of tiers	n =		
2.2.5				Inrun lei	ngth	I _{in} =		m
2.2.6				Outrun I	ength	I _{out} =		m
2.2.7	Only for Dual spiral:	-► length betwe	een sp	Radial clearan birals	ce/rossover	L _{trans} =		m
2.3	Drum Design							
2.3.1	Steel drum			Cylinder jacket: clo sheet	osed	Cylinder jacket: p sheet	perforated	
2.3.2	Cage-drum made of ver	tical bars		Vertical bars spacing =		Bar profile dimension =		mm
2.3.3	Rods covered with plast	ic (slideslip slat).		Material technical data:		Bar shape:		
2.4	Room Dimensions (in	dicate if the space is	limit	ted)				
2.4.1	Max. Room available	L=		W. =		H=		m
3.	Modernization / Upgrading of existing spiral conveyor				Units			
3.1	Customer's expecta	tions / problem d	esci	ription				

3.1.1	1.1 Why does the Customer want to make modetnization								
	 	The goods are been marked Image: Constant work fluent The belt doeas not star work fluent Image: Constant work fluent Black spots arise Image: Constant work fluent Often cleaning necessary Image: Constant work fluent Short belt lifetime Image: Constant work fluent	The product sticksk to belt						
	Problem description: Please describe current issues and Customer's expectations!								
3.1.2	Schedule	Lead time:							
3.2	Modular cureved belt								
3.2.1	Exchanged belt type	Wire mesh belt	Modular belt						
3.2.2	Manufacturer	Manufacturer							
3.2.3	Technical data of the belt	Product name / Code / Type							
		Pitch mm / inch	Material of belt	mm					
3.2.4	Current belt condition	Good condition	Belt worn out, weared						
		Deformed	Belt, damaged, scratched						
3.3	Spiral belt								
331	Current general spiral	Good cond_clean	Impression: old						
0.0.1	condition	Wrong maintenance, dirty	Impression: weak						
		Damaged	Terminated in operation/Out of						
			Iservice						
2220	arraya halt appartian								
3.3.2 Carryway: belt supporting dociskacz Number of belts supports x =									
	1 bin bi bi bi	- ba .							
Spacing between supports b ₁ =									
	Distance between belt Edge and clamp/outside support ba =								
	$s_{r} = \frac{z}{z}$ Support-rail thickness $s_r =$								
	└── osłona piętów └── listwa ślizg bębna klatkowego	owa Support-rail he	eight h _r =	m					
3.3.3	Wearstrips Profile	Height hw =	Width b _w =	mm					
	Material	HDPE or UHMW (minPE 500)	other?:						
	Condition	Good cond. clean	Worn out						
		Weared, embedded partices	Damaged etc						
	Note: Cage rods: Please fill in 2.3 poi	nt about construction type of the drum on the	e previous page 2						
3.3.4	Cage bar caps Profile	Technical data, description							
	Material	HDPE or UHMW (min PE 500)	Other?						
	Condition	Good condition, clean	Worn out, scratched						
3.3.5		Damaged etc							
3.3.5	Hold downs	No hold downs	does "safety belt flipup" exist?						
	Location	Outside belt edge							
0.0.5	Type Continuous tracking Several single tracks Quiding Dalla, Ideagan rallely Disease and draving of animal convergence of the integration of the integratee of the integratee of the integratee of the integ								
3.3.6	3.3.6 Guiding Rolls [dancer rolls] : Please see droving of spiral conveyor, 2.2 point of previous page and till in 2.2.7 point.								
	Wyrownywanie długości taśmy	Quantity of Dancer rolls							
		it design differs from 2.2 point please estimate	m						

NOTE Point 3.1.1 of table filling out.

3.1.1	Why does the Customer want to make modetnization						
	Issues with the product	The goods are been marked		The product sticksk to belt			
	Issues with the drive	The belt doeas not star work fluent		Outer edges directed upwards			
	Sanitary issues	Black spots arise		Contaminated belt			
	Cleaning issues	Often cleaning necessary		Too long cleaning process			
	Short lifetime	Short belt lifetime		Belt worn out			

Responsible persons

