

Bridge-type bucket-wheel reclaimer

Questionnaire



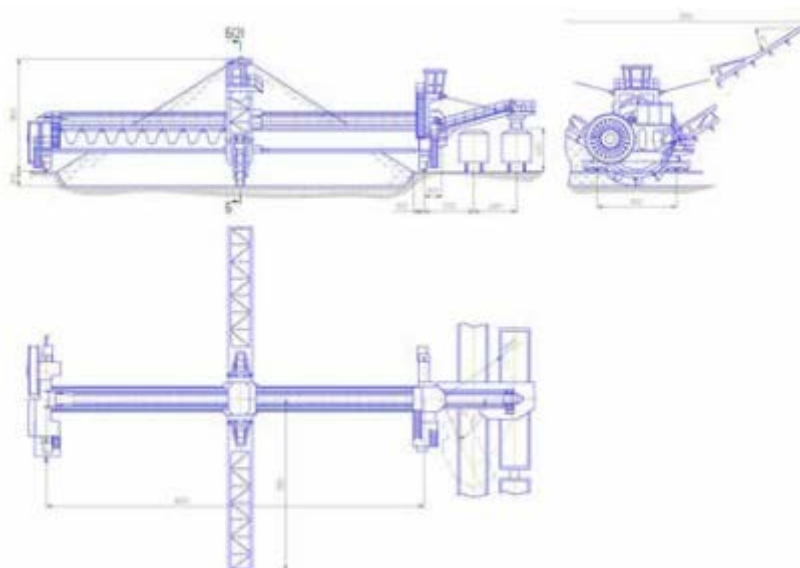
Technical specifications

Transported material specifications	
Material types	Any type of bulk or lump non-food cargoes
Material fraction size, mm	up to 150
Bulk weight, t/m ³	up to 4
Operating conditions	
Operating temperature range, C°	from -40 to +50
Seismic resistance, Richter scale	6
Equipment characteristics	
Reclaiming capacity	up to 4000 t/hour
Bucket Rotor wheel diameter, mm	5
Bridge span length	up to 42 m
Reclaimer operation speed, m/min	40
Travel wheel diameter, mm	up to 710

Bucket rotor diameter, mm	6000
Bucket quantity	up to 8
Bucket capacity, Dm³	up to 350
Rotor revolution quantity, per min	up to 8
Rotor wheel travel speed along the bridge, m/min	up to 30
Belt gutter	35°
Belt width, mm	from 800 to 2000
Belt travel speed, m/s	from 1.6 to 5
Drive / motor reducer	Russian or foreign manufacturer according to customer's requirements
Power supply frequency, Hz	50
Power supply voltage, V	380
Operating mode per day, hours	22
Operating mode per week, hours	140

Questionnaire

Please fill in the present questionnaire to help us to develop the appropriate technical and commercial proposal based on your inquiry.



1. Operating conditions				
1.1	Climatic zone			
1.2	Operating temperature range, C°	-20...+40	-40...+40	other
1.3	Seismic resistance, Richter scale			
1.4	Air humidity, %			
1.5	Wind load value, m/sec			
2. Operating characteristics				
2.1	Capacity, t/year			
2.2	Belt on bridge width, mm			
2.3	Range, m			
2.4	Track width, mm			
2.5	Maximum rail load, N			
3. Material parameters				
3.1	Name of material			
3.2	Natural slope angle, deg.			
3.3	Bulk density, t/m ³			
3.4	Features	Abrasiveness		
		Adhesion		
		Bridging		
		Hygroscopicity		
4. Stockpile characteristics				
4.1	Stockpile cross section configuration			
4.2	Stockpile basis width, m			

4.3	Rail level stockpile height, m			
4.4	Rail level stockpile basis deepening, m			
4.5	On the basis stockpile length, m			
4.6	F – Discharge conveyor width			
5. Discharge conveyor characteristics				
5.1	Capacity, t/h			
5.2	Conveyor belt length, mm			
5.3	Conveyor belt speed, m/sec			
5.4	Height of the rail level conventional drum rim line, m			
6. Gears and devices parameters				
6.1	Rotor wheel drive	Electromechanical		
		Hydraulic		
6.2	Conveyor belt cleaning device	Yes	No	
6.3	Buffer type	Spring		
		Hydraulic		
		Pneumatic		
6.4	Travel wheel diameter, mm			
6.5	Sieve installation necessity	Yes	No	
6.6	Vibrator at the transfer unit installation necessity	Yes	No	
6.7	Power supply parameters: voltage/frequency			
6.8	Reclaimer current lead type	Cable	Trolley	Track
6.9	Feeder location			

6.10	Drive control system (machine movement, rotor wheel movement, rotor wheel rotation)	Frequency	Other
6.11	Machine control method	Cabin	Other
6.12	Rail type		
7. Additional options			
7.1	Rotor wheel zone irrigation necessity	Yes/No	
7.2	Material exit on main conveyor point irrigation necessity	Yes/No	
7.3	Stockpile irrigation necessity	Yes/No	
7.4	Reclaimer automatic control mode necessity	Yes/No	
7.5	Rotor wheel receiving funnel lining material	Yes/No	
7.6	Power harrow installation necessity	Yes/No	
7.7	Central control room radio connection	Yes/No	
7.8	Conveyor belt descending sensor	Yes/No	
7.9	Emergency stop cable device	Yes/No	
7.10	Conveyor belt breaking sensor	Yes/No	
7.11	Conveyor belt tension sensor	Yes/No	
7.12	Limit switches (stops when opening gates, shelters, fences etc.)	Yes/No	
7.13	Remote access system	Yes/No	
7.14	Parameters recorder	Yes/No	
7.15	Firefighting system	Yes/No	
7.16	Fire prevention system	Yes/No	
7.17	Smoke alarm system	Yes/No	
7.18	Emergency lightning system	Yes/No	
7.19	Material reloading zone video control	Yes/No	

7.20	Video control additional system	Specify Points/No		
7.21	Temperature sensors in drives and devices	Specify Points/No		
7.22	Sound alarm system	Not required	Emergency	Pre-launch
7.23	Light alarm system	Not required	Emergency	Pre-launch
8. Additional requirements				
8.1	Additional requirements (accessories, painting, transportation terms, etc.)	Please, fill in all your additional requirements		
9. Consumer information				
9.1	Number of equipment pieces in the Order			
9.2	Contact person, contact information			
9.3	Your Company name			
9.4	Your Company contacts			
9.5	Company Chief Manager (Full name, position)			

Thank you for the provided information!

Please, send us this form to our e-mail address: info@tehnoros.com

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