

OFFER SUMMARY

CUSTOMER FULL NAME	: ENGDWORK TADESSE - HIDASE SHARE COMPANY
QUOTATION NO	: P2311ETH008
QUOTATION DATE	: 20.11.2023
QUOTATION DESCRIPTION	: 5-10 TPH MASH & PELLET FEED MILL SYSTEM WITH SILOS

CODE	GROUP DESCRIPTIONS	PRICE \$
100	RAW MATERIAL INTAKE AND DOSING SILOS	\$109.640
100A	CRUSHER GROUP	\$54.750
200	DOSING, GRINDING & MIXING, OILING & MOLASSING, MICRO-DOSING	\$276.450
300	PELLETIZING, COOLING AND CRUMBLING	\$207.810
400	PACKAGING	\$38.175
500	ELECTRICAL CONTROL PANEL, CABLES, MACHINE PLATFORMS, ASSEMBLY	\$188.300
600	STEAM BOILER 750 KG/H & AIR COMPRESSOR	\$65.500
700	SPARE PARTS	\$34.675

TOTAL PRICE (EXWORKS IZMIR TURKEY)	\$975.300
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TOTAL PRICE (FOB IZMIR PORT)	\$985.300
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IMPORTANT NOTE: THE USE OF THE STEAM BOILER AND AIR COMPRESSOR IS A MUST WHILE THE FACTORY IS OPERATING. PRICES ARE OFFERED AS OPTIONAL THAT YOU CAN GET FROM YOUR OWN LOCAL MARKET. BOTH EQUIPMENT MUST BE PURCHASED FOR FACTORY AND MACHINE OPERATION.

WARRANTY: The warranty period is 2 years against manufacturing defects. Engines and balls are out of warranty due to their usage areas. All electrical equipment is out of warranty.

EXCLUDES:

- Transportation and insurance
- 3- 4 mechanical worker teams
- Any documents like inspection, certificate, licence wanted from buyer's country
- Main transformer and main cable before control panel
- Main oil tank and it's part up to the daily oil tank
- Construction site setup and construction site expenses
- The fee for the construction equipment to be rented for installation and the preparation of the building
- The equipment to be used for assembly will be provided by the purchasing company. (It will be listed by Starmax. Key tools, cutting, welding machines, etc)
- Airfare for the supervisory team. During their stay, hotel and meal needs will be met by the buyer company.

Delivery Time: Will be decided with contract approval

Payment Method: L/C 100% irrevocable L/C at sight

Offer Validity: 30 days

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
100		RAW MATERIAL INTAKE AND DOSING SILOS (2 x 68m³ + 2 x 36m³)				\$109.640
101	AIZG-3000	RAW MATERIAL HOPPER GRID				1
		Dimension	: 3000 x 3000 mm			
		Grid Material	: 80 x 10 Lama ve 50 x 50 L profile			
		Grid Frame	: It is specially designed with high strength.			
		Explanations	: *Concrete pit is the customer's duty. *The design will be given by Starmax.			
102	BHL220B-5	HELIX TUBE TYPE				1
		Type	: 220 / 200 tube type			
		Size	: 5000 mm			
		Body	: 3 mm St37 metal sheet			
		Screw Ø	: 200 mm			
		Auger Leaves	: Made of 5 mm carbon steel.			
		Engine	: 2.2 kW gearmotor			
		Motor Connection Type	: Belt pulley			
		Covering	: Anti corrosive acrylic			
103	VBEL-50	VIBRO SIEVE				1
		Capacity	: 10 tph			
		Type	: 2 layers			
		Motor	: 3 kW			
		Exit	: 3			
		Explanations	: WITH THE CLEANING PROCESS; UNWANTED MATERIALS SUCH AS STRAW, WOOD PARTS, CORN COB, WASTES ETC. CLEANED. STONE SEPARATION IS NOT PERFORMED			
104	MIK250	MAGNET				1
		Dimensions	: Ø250x500x55 mm			
		Body	: AISI304 stainless steel			
		Capacity	: 30 m³/h			
		Explanations	: Neodymium magnet Automatic pneumatic cleaning			
105	EL180-G14	BUCKET ELEVATOR (GALVANIZED)				1
		Capacity	: 40 m³			
		Height	: 14000 mm			
		Engine	: 4 kW geared motor with brake			
		Motor Connection Type	: Direct coupled			
		Drive and PTO Material	: Ç. 4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet			
		Body Plate Thickness	: 2 mm St37 sheet			
		Coating Type	: Galvanized			
		Drum Diameter and Width	: 500mm x 230mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m / sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 pcs / meter			
		Bucket Type	: High Density Polyethylene Bucket			
		Explanations	: * Local ventilation and maintenance cover are available. * Drum shafts have a dust-proof structure. * Product inspection windows are available. * Tour sensor apparatus is available. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * The moving parts have a protected structure in accordance with the safety rules.			
106	PNM-FLP	TWO WAY PNEUMATIC FLAP				1
		Type	: 250 x 600 pneumatic valve			
107	UHL250G-7	U250 HELIX (GALVANIZED)				1
		Type	: 250 U type			
		Size	: 7000 mm			
		Body	: 4 mm St37 metal sheet			
		Screw Ø	: 230mm			
		Auger Leaves	: Made of 5 mm carbon steel			
		Engine	: 3 kW gearmotor			
		Motor Connection Type	: Belt Pulley			
		Covering	: Galvanized			
		Explanation	: * There is a bypass system to prevent product overflow.			
108	UHL220G-6	U220 HELIX (GALVANIZED)				1
		Type	: 220 U type			
		Size	: 6000 mm			
		Body	: 4 mm St37 metal sheet			
		Screw Ø	: 200mm			
		Auger Leaves	: Made of 5 mm carbon steel			
		Engine	: 2.2 kW gearmotor			
		Motor Connection Type	: Belt Pulley			
		Covering	: Galvanized			
		Explanation	: * There is a bypass system to prevent product overflow.			
109	PK200X400	PNEUMATIC GATE				4
		Dimensions	: 200 x 400 mm			
		Type	: Pneumatic			
		Body	: 4 mm St-37 metal sheet			
		Covering	: Anti corrosive acrylic			
		Explanations	: * Bolted construction does not leak dust from manufacturing steel * 1/4 " - 5/2 solenoid valve. 2 posiston switches			
110	SILO68-366	GALVANIZED SILO 68m³				2
		Capacity	: 68 m³			
		Height	: 8850 mm			
		Diameter	: 3660 mm			
		Conical Angle	: 60			
		Material	: St-37 profile			
		Covering	: Galvanized			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
111	SILO36-275	GALVANIZED SILO 36m³		2		
		Capacity	: 36 m³			
		Height	: 8850 mm			
		Diameter	: 2750 mm			
		Conical Angle	: 60			
		Material	: St-37 profile			
		Covering	: Galvanized			
112	MK250X250	MANUAL FLAP		4		
		Dimensions	: 250 x 250 mm			
		Type	: Manual			
		Material	: 4 mm St-37			
		Coating Type	: Galvanized			
		Construction	: With silo outlet adapter			
		Explanations	: *Manually adjustable and silo unloading speed depends on the raw material. *It is an equipment used to adjust.			
113	RFL-1800	ROTOFLOW		2		
		Entrance Diameter	: 1800 mm			
		Material	: St-37			
		Motor	: 0,30 kW , 50 Hz vibro motor			
114	BHL170G-5	U200 HELIX (GALVANIZED)		4		
		Type	: 170 /150 tube type			
		Size	: 5000/7000 mm			
		Body	: 3 mm St37 metal sheet			
		Screw Ø	: 150 mm			
		Auger Leaves	: Made of 5 mm carbon steel.			
		Engine	: 2.2 kW gearmotor			
		Motor Connection Type	: Belt pulley			
		Covering	: Galvanized			
		SILO ELECTRICAL PANELS AND START-UP		1		
		Installation	: Included			
115	BNK-800R	AUGER ADDITIVE HOPPERS WITH PNEUMATIC HAMMER (FOR SALT AND LIMESTONE)		2		
		Type	: 110 / 100 tube type			
		Size	: 6000 mm			
		Hopper Volume	: 0.8 m³			
		Body	: 3 mm St37 sheet metal			
		Structure	: Bolted			
		Covering	: Anti corrosive acrylic			
100A CRUSHER GROUP						\$54.750
116	CR90	ROTARY CRUSHER		1		
		Total Power	: 90 kW			
		Discharge Motor	: 5.5 kW			
		Cyclone	: 1200 mm			
		Airlock	: 400 mm			
		Blower	: 22 kW			
		Capacity	: 1-3 tph			
117	CONV12	CONVEYOR BELT		1		
		Total Length	: 12m			
		Motor Power	: 1.1 kW			
200 DOSING, GRINDING & MIXING, OILING & MOLASSING, MICRO-DOSING						\$276.450
201	DKD-3000	DOSING SCALE		1		
		Capacity	: 6.0 m³ x 2 pcs dosing hoppers			
		Body	: 3 mm St37 sheet steel			
		Flow Angle	: 60 ° (min)			
		Load Cell	: 4 pcs			
		Speed Control	: Available. Speed controlled precise dosing goods intake			
		Piston and Valves	: 24 V DC solenoid valve will be used. Pressure 6-8 bar Ø100 mm x 2500 mm / 1/4"-5/2 Selenoid			
		Covering	: Anti corrosive acrylic			
		Explanations	: * Raw material dosage scale is double-deck. * There is a level sensor in the lower bunker. * The connection between the pneumatically controlled row type cover and the scale is bolted and flanged. * There is a cloth connection between the upper cover and the body. * There are intervention covers and observation window on the scale.			
202	PK600X1800	PNEUMATIC GATE		1		
		Dimensions	: 600 mm x 1800 mm			
		Material Features	: Manufactured from St37 quality material.			
		Piston and Valves	: Working pressure 4-8 bar.			
		Covering Type	: Anticorrosive acrylic paint.			
		Technical Features	: *Upper and bottom reducers are included. *Switches and sensors mechanical connection kits are included.			
203	BNK-5000S	DOSING SCALE'S BOTTOM HOPPER		1		
		Capacity	: 5m³ (The raw material to be processed should has %10-12 moisture.)			
		Material Features	: Manufactured from 4 mm St37 quality material.			
		Technical Features	: *It will desing with modular. *There are maintaince cover on the weighbridge. *Supporter equipment is included as dosing scale under hopper height. *There is a fabric layered compensator with a bolt connection between the sequential type pneumatic gate and the dosing scale hopper.			
		Covering Type	: Anticorrosive acrylic paint.			
204	UHL220B-5	U200 HELIX		1		
		Type	: 220 / 200 U type			
		Length	: 5000 mm			
		Body	: 4 mm St37 sheet steel			
		Helix Ø	: 200 mm			
		Helix Leaves	: 5 mm , produced with carbon steel			
		Engine	: 3 kW engine with reducer			
		Engine Connection Type	: Belt pulley			
		Covering	: Anti corrosive acrylic			
		Explanations	: * There is a bypass system to prevent product overflow. * Spiral variable pitch is manufactured to prevent excessive current draw.			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
205	EL180-B12	BUCKET ELEVATOR			1	
		Capacity	: 40 m³			
		Height	: 12000 mm			
		Engine	: 4 kW engine with reducer and emergency switch			
		Motor Connection Type	: Direct coupled			
		Drive and PTO Material	: Ç. 4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet metal			
		Body Plate Thickness	: 2 mm St37 sheet metal			
		Coating Material	: Anticorrosive acrylic			
		Drum Diameter and Width	: 500 mm x 230 mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m/sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 pcs / meter			
		Bucket Type	: High density polyethylene bucket			
		Explanations	: * Local ventilation and maintenance cover are available. * Drum shafts have a dust-proof structure. * Product inspection windows are available. * Tour sensor apparatus is available. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * Movable parts have a protected structure in accordance with safety rules.			
206	BNK-6000D	BUNKER			1	
		Bunker Volume	: 6.0 m³			
		Body	: 3 mm St37 metal sheet			
		Structure	: Welded body combination, top cover bolted			
		Covering	: Anti corrosive acrylic			
		Explanation	: Full and empty sensor (2 pieces)			
207	DBES-420M	GRINDER FEEDING HELIX			1	
		Engine	: 1.5 kW x 2 pcs geared motor			
		Speed Control	: Available			
		Covering	: Anti corrosive acrylic			
		Magnet Contact Surface	: AISI304 stainless steel			
		Magnet	: Neodymium plate is a magnet and cleaned automatically. It prevents foreign parts of entering the system			
		Piston and Valves	: 24 V DC solenoid valve will be used. Pressure 6-8 bar Ø50 mm x 600 mm / 1/4 "-5/2 Solenoid			
		Explanations	: * There is a cover with a grid system on the feeder. * Drum diameter is 200 mm and has 12 blades. The drums drive each other with a straight gear system. * The speed of the feeding helix is automatically adjusted according to the ampere of the mill. * Bedding is made with ucf roller bearing.			
208	GHQA-90	HAMMER MILL			1	
		Capacity	: 8-10 ton / hour (Capacity varies depending on ration and sieve diameter) Density: 0.6 - 0.7 ton / m³ Max 12% moisture and max 4% oil			
		Engine	: 90 kW 1500 rpm			
		Quantity of Hammers	: 80			
		Hammer Speed	: 86 m/sec			
		Sieve Area	: 1.30 m²			
		Sieve Diameter	: Ø4-5 mm			
		Engine Connection	: The mill motor is connected to the rotor shaft by an elastic coupling			
		Rotor Shaft	: 4140 material			
		Body	: 6 - 8 mm St37 sheet metal			
		Covering	: Anti corrosive acrylic			
		Explanations	: * Easy sieve replacement with two sieve plates * Possibility to reach full speed in a very short time thanks to it's special rotor design. * Dynamic and static balance of all hammers and rotor has been taken. * Less vibration thanks to vibration absorbing wedges. * Hammers are made of hardened steel material and can be used on four sides. * With the switch on the covers, it is ensured that the covers are not opened before the motor stops.			
209	JETFLT-10	JET FILTER			1	
		Total Filter Surface	: 10 m²			
		Filter Sizes	: Ø 125 x 1500 mm			
		Body	: 4 mm St-37 sheet metal			
		Piston and Valves	: Air Explosive solenoid valve Solenoid Valve type: 1 "" - 1 1/2 "" 4 pcs			
		Covering	: Anti corrosive acrylic			
		Explanations	: * It has a removable bag and an automatic cleaning system. * There are one air tank on the jet filter and maintenance covers on both sides for the maintenance of filter bags. * The time is set automatically by the timer device. * Filter bags are 100% polyester material and have antistatic properties.			
210	FAN-5000M	FAN			1	
		Capacity	: 5000 m³/h - 220 mmSS			
		Body	: 4-6 mm St-37 metal sheet			
		Engine	: 5.5 kW			
		Connection Type	: Direct coupling			
		Covering	: Anti corrosive acrylic			
211	ASPRL-10	ASPIRATION AND PIPING			1	
		Pipe Diameter	: Ø375 mm			
		Body	: 2 mm St37 sheet metal			
212	BNK-6000S	BUNKER			1	
		Hopper Diameter	: 6.0 m³			
		Body	: 3 mm St37 sheet metal			
		Structure	: Welded body combination, bolted top cover			
		Covering	: Anti corrosive acrylic			
		Explanation	: Empty sensor (1 pieces)			
213	UHL220B-5	U220 HELIX			1	
		Type	: 220 / 200 U type			
		Length	: 5000 mm			
		Body	: 4 mm St37 sheet metal			
		Helix Ø	: 200 mm			
		Helix Leaves	: 5 mm, produced with carbon steel			
		Motor Power	: 2.2 kW engine with reducer			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
		Motor Connection Type	: Belt pulley			
		Covering	: Anti corrosive acrylic			
		Explanations	: * There is a bypass system to prevent the product to overflow. * Spiral variable pitch is manufactured to prevent the excessive current draw.			
214	EL180-B12	BUCKET ELEVATOR			1	
		Capacity	: 40 m³			
		Height	: 12000 mm			
		Engine	: 4 kW engine with reducer and emergency switch			
		Motor Connection Type	: Direct acouple			
		Drive and PTO Material	: Ç.4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet metal			
		Body Plate Thickness	: 2 mm St37 sheet metal			
		Covering	: Anticorrosive acrylic			
		Drum Diameter and Width	: 500 mm x 230 mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m/sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 pcs / meter			
		Bucket Type	: High Density Polyethylene Bucket			
		Explanations	: * Local ventilation and maintenance cover are included. * Drum shafts have a dust-proof structure. * Product inspection windows are included. * Tour sensor device is included. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * Movable parts have a protected structure in accordance with safety rules.			
215	BNK-6000D	BUNKER			1	
		Bunker Volume	: 6 m³			
		Body	: 3 mm St37 sheet metal			
		Structure	: Welded body combination, top cover bolted			
		Explanations	: Full and empty sensor (2 pieces)			
216	PK600x1800	PNEUMATIC GATE			1	
		Dimensions	: 600x1800 mm			
		Type	: Pneumatic			
		Body	: 4 mm St-37 sheet metal			
		Covering	: Anti corrosive acrylic			
		Piston Type	: Diameter 42 x 230 mm			
		Explanations	: * Bolted construction, dust proof from manufacturing steel * 1/4 "-5/2 solenoid valve. 2 position switches.			
217	PRMX-MN50	MANUAL PREMIX ADDING HOPPER			1	
		Capacity	: 50 lt			
		Body	: 3 mm St-37 sheet metal			
		Explanations	: It has a flanged connection to the mixer.			
218	PK200X400	PNEUMATIC GATE			1	
		Dimensions	: 200 x 400 mm			
		Type	: Pneumatic			
		Body	: 4 mm St-37 sheet metal			
		Covering	: Anti corrosive acrylic			
		Piston Type	: Diameter 42 x 230 mm			
		Explanations	: * Bolted construction, dust proof from manufacturing steel * 1/4 "-5/2 solenoid valve. 2 position switches			
219	PDM-15000	PADDLE MIXER			1	
		Volume	: 2500 lt			
		Mix Time	: 3 mins			
		Body	: 6 mm St-37 sheet metal			
		Engine	: 18.5 kW engine with reducer			
		Connection Type	: Direct coupling			
		Covering	: Anti corrosive acrylic			
		Explanations	: * It has air piping between the mixer and the lower bunker that ensures the pressure balance during filling. * Possibility of sudden discharge * During mixing, double spiral leaves are arranged on the main pipe to ensure that the material is homogeneous. * With the pneumatically driven lock system, leakage is prevented during mixing. * Dust proof is provided by the shaft bearing housing specially prepared for the main shaft body.			
220	PK250X1600	PNEUMATIC GATE			1	
		Dimensions	: 250 x 1600 mm			
		Type	: Pneumatic			
		Body	: 6 mm St-37 sheet metal			
		Piston Type	: Diameter 100 x 200 mm 2 pcs Diameter 100 x 50 mm 2 pcs			
		Explanations	: * Bolted construction, made of manufacturing steel, dust-proof structure * 1/4 "-5/2 solenoid valve. 2 position switches * Pneumatic safety pin locking system is available			
221	BNK-6000S	BUNKER			1	
		Hopper Volume	: 6 m³			
		Body	: 3 mm St37 sheet metal			
		Structure	: Welded body combination, bolted top cover			
		Covering	: Anti corrosive acrylic			
		Explanations	: Empty sensor (1 piece)			
222	UHL250B-5	U220 HELIX			1	
		Type	: 250 U type			
		Length	: 5000 mm			
		Body	: 3 mm St37 sheet metal			
		Helix Ø	: 230 mm			
		Helix Leaves	: 5 mm, produced with carbon steel			
		Motor Power	: 3 kW engine with reducer			
		Motor Connection Type	: Belt pulley			
		Covering	: Anti corrosive acrylic			
		Explanations	: * There is a bypass system to prevent product overflow. * Spiral variable pitch is manufactured to prevent excessive current draw.			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
223	PK200X400	PNEUMATIC GATE			1	
		Dimensions	: 200 x 400 mm			
		Type	: Pneumatic			
		Body	: 4 mm St-37 metal sheet			
		Covering	: Anti corrosive acrylic			
		Piston Type	: Diameter 42 x 230 mm			
		Explanations	: * Bolted construction, dust proof from manufacturing steel * 1/4 "-5/2 solenoid valve. 2 posiston switches.			
224	MELASS	MOLASSES MIXER			1	
		Height	: 3000 mm			
		Diameter	: Ø 450 mm			
		Body	: Raw material contact surfaces will be made of AISI304 quality stainless material			
		Connection Type	: Direct coupled			
		Motor	: 18.5 kW, 3 phase, 380 Volt, 50 Hz (Gamak or Volt)			
225	MELSI2000	MOLASSES TANK & SYSTEM			1	
		Type	: 2 m³ (It will be produced with hot water battery.)			
		Explanations	: There is gear molasses pump. 3-way actuator pneumatic valve and by-pass armatures are available. MAIN MELAS TANK AND THE LINE TO THE DAILY MELAS TANK EXCLUDE.			
226	YAGP-10000	OILING SYSTEM			1	
		Daily Oil Tank	: 4 m³			
		Body	: 3 mm St37 sheet metal			
		Oil Tank Features	: Upper bunker: 120 lt capacity Bottom bunker: 150 lt capacity Bellows type loadcell: 2 pieces Weighing indicator Including actuator valve Has a lower level sensor			
		Liquid Adding Line	: Included (AISI 304)			
		Oil Pump	: 2 pcs.			
		Ball Valve	: Included (with indicator)			
		Check Valve	: Included			
		Explanations	: * The viscosity value of the oil is maximum. It should be 0.70-0.80 cP. * The acidity of the oil should be less than 5%. * Includes pipes, fittings and elbows that make up the oil installation from the daily oil tank to the mixer. * Main oil tank, main tank-daily tank piping, isolation and main oil tank pump are excluded.			
227	MIKROD-8	MICRO DOSING UNIT			1	
		Silo	: 6 x 0.33 m³			
		Body	: AISI304 stainless quality			
		Helix	: 6 pcs			
		Helix Ø	: 60 mm			
		Helix Leaves	: AISI 304 stainless quality			
		Motor	: 0.55 kW			
		Motor Connection Type	: Direct coupled			
		Dosing Hopper	: 0.2 m³ AISI 304 stainless steel			
		Pneumatic Gate	: AISI 304 stainless steel			
		Dosing Bottom Hopper	: 0.2 m³ AISI 304 stainless steel			
		Platform	: INCLUDED			
		Explanations	: Depending on the system structure, it is sent to the mixer with the help of a stainless U helix			
228	UHL170B-5	U200 HELIX			1	
		Type	: 150 / 170 U type			
		Length	: 5000 mm			
		Body	: 4 mm St37 metal sheet			
		Helix Ø	: 180 mm			
		Helix Leaves	: Made of 5 mm carbon steel			
		Engine	: 1.5 kW geared			
		Engine Connection Type	: Belt pulley			
		Covering	: Anti corrosive acrylic			
		Explanations	: * There is a bypass system to prevent product overflow. * Spiral variable pitch is manufactured to prevent excessive current draw.			
300 PELLETIZING, COOLING AND CRUMBLING						\$207.810
301	EL180-B14	BUCKET ELEVATOR			1	
		Capacity	: 40 m³			
		Height	: 14000 mm			
		Motor Power	: 4 kW motor with reducer and emergency switch			
		Motor Connection Type	: Direct coupled			
		Drive and PTO Material	: Ç. 4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet metal			
		Body Plate Thickness	: 2 mm St37 sheet metal			
		Covering Type	: Anticorrosive acrylic			
		Drum Diameter and Width	: 500 mm x 230 mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m/sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 piececs / meter			
		Bucket Type	: High density polyethylene bucket			
		Explanations	: * Local ventilation and maintenance cover are available. * Drum shafts have a dust-proof structure. * Product inspection windows are included. * Tour sensor device is included. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * Movable parts have a protected structure in accordance with safety rules.			
302	PK-KLP2YL	PNEUMATIC TWO WAY VALVE			1	
		Dimension	: 200 x 250 mm			
		Type	: Pneumatic V type			
		Body	: 4 mm St-37 sheet metal			
		Covering	: Anti corrosive acrylic			
		Explanation	: *There is a bypass system to prevent product overflow.			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
303	UHL200B-8	U200 HELIX		1		
		Type	: 180 / 200 U type			
		Length	: 8000 mm			
		Body	: 4 mm St37 sheet metal			
		Helix Ø	: 180 mm			
		Helix Leaves	: Made of 5 mm carbon steel			
		Motor Power	: 4 kW geared motor			
		Engine Connection Type	: The engine drive is provided by a chain gear and allows easy replacement.			
		Covering	: Anti corrosive acrylic			
		Explanations	: * There is a bypass system to prevent product overflow. * Spiral variable pitch is manufactured to prevent excessive current draw.			
304	BNK10000	PELLET UPPER BUNKER		1		
		Capacity	: 10 m³			
		Structure	: Welded manufacturing, with bolted mounting			
		Body	: Made of 3 mm - St37 sheet metal			
		Covering	: Anti corrosive acrylic			
		Sensor	: Full and empty sensor (2 pieces)			
305	PLBES-520	CONDITIONER FEEDING HELIX		1		
		Type	: U220			
		Length	: 1300 mm			
		Body	: 3mm AISI 304 quality stainless steel			
		Helix Ø	: 200 mm			
		Helix Leaves	: 5 mm AISI 304 quality			
		Motor Power	: 2.2 kW geared motor			
		Engine Connection Type	: Direct coupling			
		Speed Control	: Included			
		Explanations	: *There is a bypass system to prevent product overflow. *In order to prevent excessive current draw, the spiral has been manufactured with variable pitch.			
306	PLKOND520	CONDITIONER		2		
		Type	: Single shaft with paddle			
		Diameter	: Ø500 mm			
		Length	: 2000 mm			
		Body	: 4 mm AISI 304 stainless steel			
		Main Shaft	: Dia 110 x 10 mm AISI 304 stainless steel pipe			
		Paddle	: 7 mm AISI 304 stainless steel			
		Paddle Connection	: Stainless bolt, fiber nut			
		Motor Power	: 7.5 kW engine with reducer			
		Motor Connection Type	: Belt pulley			
		Temperature Sensor	: Available			
		Explanations	: * Lock system for safety on side covers. * Easy-to-open side cover system. * Possibility to cook up to 80 ° C. * Adjustable paddle design.			
307	PLT520X75	PELLET PRESS MACHINE		1		
		Capacity	: 8-10 ton / hour (Capacity varies according to the ration and disc hole diameter) Density: 0.6 - 0.7 ton / m³ Max 12% moisture and max 4% oil 6 mm disc hole diameter			
		Motor Power	: 75 kW x 2 pcs			
		Pellet Type	: 520 /178 mm			
		Pelleting Surface Area	: 3.000 cm²			
		Number of Rolls	: 2			
		Disc Feature	: Disc hole diameter is determined according to customer request. It is of European origin and manufactured by vacuum hardening from X46Cr13 material.			
		Material Feature	: Disc casing and inlet cover are made of AISI304 quality stainless steel			
		Magnet Contact Surface	: AISI304 stainless steel			
		Magnet	: Neodymium pyramid magnet			
		Roller	: SKF or FAG			
		Lubrication	: Manual. Automatic system is optional.			
		Explanations	: There is a pneumatic bypass flap for sudden overloads. The bypass valve is activated according to the amperage of the motor. There are safety locks on the covers and motor protection safety pins for sudden impacts. The static and dynamic balance of the flywheel and the chuck that moves the press has been taken.			
308	HAVAK-300	COOLER AIRLOCK		1		
		Diameter	: Ø300 mm			
		Motor Power	: 0.55 kW geared			
		Connection Type	: Coupling			
309	SOGT-2000	COOLER		1		
		Type	: 2000 x 2000 mm			
		Cooler Capacity	: 6.4 m³			
		Engine	: 1.1 kW engine with emergency switch			
		Connection Type	: Gear coupling between gearbox and rotor shafts			
		Body	: 4 mm St-37sheet metal			
		Covering	: Anti corrosive acrylic			
		Level Sensors	: Available			
		Discharge	: Triple grid system			
		Viewing Window	: Included (Fiber)			
		Explanation	: The cooling time interval of the product is adjusted with the help of sensors.			
310	SKL-S1250	CYCLONE		1		
		Cyclone Diameter	: Ø1250 mm			
		Body	: St-37 - 2 mm			
		Discharge	: Manual flap			
311	HAVAK-250	AIR LOCK		1		
		Diameter	: Ø250			
		Motor Power	: 0.55 kW			
		Connection Type	: Coupling			
312	FAN-18000M	FAN		1		
		Capacity	: 18000 m³/h - 300 mmSS			
		Body	: 4-6 mm St-37 sheet metal			
		Motor Power	: 22 kW			
		Connection Type	: Direct coupling			
		Covering	: Anti corrosive acrylic			

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
313	ASPBR1-10	ASPIRATION AND PIPING			1	
		Pipe Diameter	: Ø630 mm			
		Body	: 2 mm St37 sheet metal			
314	ZKON-04	CHAIN CONVEYOR			1	
		Capacity	: 45 m³			
		Length	: 4400 mm			
		Dimensions	: 200 mm x 400 mm			
		Head Body Sheet Thickness	: 4 mm			
		Base Plate	: 4 mm			
		Top Cover Plate	: 2 mm			
		Drive Shaft	: Ç1013			
		Motor	: 2.2 kW, 3 phase, 380 Volt, 50 Hz (Gamak or Volt)			
		Reducer	: Yılmaz or Polat - Service Factor: 1.4			
		Carrier Shaft Material	: Transfer			
		Chain Speed	: 0,5 m/sec			
315	EL180-B6	BUCKET ELEVATOR			1	
		Capacity	: 40 m³			
		Height	: 6400 mm			
		Engine	: 2.2 kW motor with reducer and emergency switch			
		Motor Connection Type	: Direct coupled			
		Drive and PTO Material	: Ç. 4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet steel			
		Body Plate Thickness	: 2 mm St37 sheet steel			
		Covering	: Anti corrosive acrylic			
		Drum Diameter and Width	: 500 mm x 230 mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m/sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 pcs / meter			
		Bucket Type	: HDPE			
		Explanations	: * Local ventilation and maintenance cover are available. * Drum shafts have a dust-proof structure. * Product inspection windows are available. * Tour sensor apparatus is available. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * Movable parts have a protected structure in accordance with safety rules.			
316	GRN-10000	CRUMBLER			1	
		Capacity	: 10 ton / hour			
		Ball Features	: 250 x 1000 mm 2 pcs hard cast iron balls			
		Motor Power	: 5.5 kW x 2 pieces			
		Connection Type	: Direct coupling			
		Feeding Helix	: Diameter 100 x 1000 mm 0.55 kW frequency inverter			
		Covering	: Anti corrosive acrylic			
		Explanations	: * With the feeder helix, the product flow is provided on the balls in a regular manner. * In case of any foreign matter between the balls, the ball springs increase the distance between the ball and prevent the balls from being damaged. * There is a bypass system in the crumbler machine. If the crumbling of the pellets is not wanted, it is deactivated and pellets are sent to the screen without crumbling. * Bottom bunker is 0.5 m³ and made of St37 material.			
317	ELEK-VB10	VIBRO SIEVE			1	
		Sieve Area	: 4 m²			
		Material Feature	: St-37			
		Connection Type	: Belt pulley driven			
		Motor Power	: 2.2 kW			
		Covering	: Anti corrosive acrylic			
318	HL90-08	TUBE HELIX FOR SIEVE RETURNING			1	
		Capacity	: 6 m³			
		Length	: 8000 mm			
		Type	: PVC helix			
		Diameter	: Ø114 mm			
		Motor Power	: 1.1 kW			
		Explanation	: * It is using to transfer vibro screen powder to pellet machine bucket elevator.			
		Driver	: Cast iron coupling			
		Carrier Shaft Material	: Transfer			
		Chain Speed	: 0,5 m/sec			
400	PACKAGING					\$38.175
401	EL180-B10	BUCKET ELEVATOR			1	
		Capacity	: 40 m³			
		Height	: 10000 mm			
		Motor Power	: 3 kW motor with reducer and emergency switch			
		Motor Connection Type	: Direct coupled			
		Drive and PTO Material	: Ç. 4140			
		Upper and Lower Head Plate	: 4 mm St37 sheet steel			
		Body Plate Thickness	: 2 mm St37 sheet steel			
		Covering Type	: Anticorrosive acrylic			
		Drum Diameter and Width	: 500 mm x 230 mm			
		Band Width	: 200 mm			
		Belt Type	: EP600, 6 layers			
		Belt Speed	: 2.36 m/sec			
		Bucket Type	: 180 mm HDP			
		Bucket Sequence	: 5 piececs / meter			
		Bucket Type	: High density polyethylene bucket			
		Explanations	: * Local ventilation and maintenance cover are available. * Drum shafts have a dust-proof structure. * Product inspection windows are available. * Tour sensor apparatus is available. * There are wear plates made of polyethylene material in places where the grain is likely to corrode. * Movable parts have a protected structure in accordance with safety rules.			
402	BNK-5000D	PACKAGING UPPER HOPPER			1	
		Capacity	: 5 m³			
		Body	: St-37			
		Covering	: Anti corrosive acrylic			
		Sensor	: Full and empty sensor (2 pieces)			



QUOTE PROSTAR10000 WITH SILOS

HS CODE: 84361000

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
403	PAK-TKF10	PACKAGING UNIT		1		
		Type	: Single pan			
		Body	: St-37			
		Weighing Sensitivity	: ±60 gr			
		Weighing Range	: 25-50 kg			
		Motor Power	: 1.1 kW			
		Piston and Valves	: 24 V DC solenoid valve will be used. Its pressure is 6-8 bar Ø50 mm x 600 mm / 1/4 "" - 5/2 Solenoid			
		Load Cell	: 3 pcs -150 kg			
		Feeding	: Belt type, speed controlled			
		Weighing System	: Electronic, PLC control			
		Explanations	: * System: Dosing tape; It consists of weighing pan, filling nozzle, electrical panel and weighing platform. * The system has an indicator and speed control device. * Easily programmable filling modes, reports, error messages, automatic correction of the errors of the scale are managed by the touch screen. * Total weight and total number of bags can be monitored. * System-related switchgear is included.			
404	DKS-BND03	SEWING BAND		1		
		Band Length	: 3300 mm			
		Band Width	: 400 mm			
		Motor Power	: 1.1 kW			
		Motor Connection Type	: Direct coupling			
		Service Factor	: Pvc 4 mm endless belt			
		Band Ending	: Spring sack tipping wedge system			
405	DKS-MKN	SEWING MACHINE		1		
		Type	: Manual			
500	ELECTRICAL CONTROL PANEL, CABLES, MACHINE PLATFORMS, ASSEMBLY					\$188.300
501	PLF-YTK10	MACHINE PLATFORM AND CHASSIS		1		
		Explanations	: Elevator maintenance platforms included in the offer Chassis and carrier legs of bunkers and silos Mill platform Mixer platform Pellet unit carrier platform and chassis Packaging scale platform Conveyor and screw carrier feet			
502	AKSADP-10	FLOWING TUBES AND ADAPTERS		1		
		Explanations	: Flow pipes, adapters etc. between conveying system and related equipment are included. Pellet unit adapters will be made of AISI304 material. The remaining flow pipe and adapters are made of ST-37 material. It will be coated with anti corrosive acrylic paint.			
503	EL-10000K	ELECTRICAL CONTROL PANEL MCC		1		
		Explanations	: MCC panels Contactors Circuit breakers Load cells for dosing units Including field equipment, level sensors, capacitors. Motor contactors and motor protection switches, time relays and main supply switch are SCHNEIDER, SIEMENS or ABB brands. Energized hazardous locations must be protected against possible hand contact. It gives an illuminated warning when the motors are disabled due to excessive current. In order to control the supply voltage of the panel, there is an analog indicator and a selector switch on the panel cover. The low voltage protection has been selected according to the main switch. When the voltage drops, the main switch opens. All equipment conforms to CE norms. <u>CABLES, CABLES DUCTS AND CABLING ARE INCLUDED</u>			
504	MONT-10YK	INSTALLATION MECHANICAL AND ELECTRICAL SUPERVISOR		1		
		Explanations	: 2 person assembly supervisor 1 person will be sent as electrical supervisor. Setting up the facility Testing and commissioning of equipment It includes periodic maintenance training and informing.			
600	STEAM BOILER 750 KG/H & AIR COMPRESSOR					\$65.500
601	BUHK-750	STEAM BOILER 750 KG/H		1		
		Explanations	: *It works with natural gas. *Capacity: 750 kg / hour 8 bar *2 Pass - Wet back and wet frame cylindrical steam boiler - Back pressure - Flame tube *Various valves *Water pump and filters *Level indicators (mechanical and electronic) *Manometer *Pressure and temperature gauges *Safety indicators *Condensate tank *Electrical panel *Complete chassis *Water softener			
602	MONBUHK-750	STEAM BOILER PIPING AND INSTALLATION		1		
		Explanations	: *Pressure reducer group *Piping and commissioning works from steam boiler to in-plant supply equipment *Steam collectors and valves *EXCEPT FOR STEAM BOILER CHIMNEY WORKS AND ALL LEGAL PERMISSION PROCEDURES DURING BOILER COMMISSIONING			
603	HKOMP750	AIR COMPRESSOR 750 LT AND INSTALLATION		1		
		Explanations	: *Capacity : 750 lt *Motor Power: 4 kW *Working Pressure: 6-8 Bar *Type: Piston *The air line and pipes to be drawn into the facility are included in the labor price. Piping Material will be provided by the Customer. THE ELECTRIC SUPPLY LINE (WIRING) BELONG TO THE BUYER			



QUOTE PROSTAR10000 WITH SILOS

HS CODE: 84361000

FLOW CODE	MACHINE CODE	DESCRIPTION	PROSTAR 10000H	PCS	UNIT PRICE	TOTAL PRICE
700	SPARE PARTS					\$34.675
701		PELLET PRESS DIE		2		
		Model	: 520			
		Material	: X46 Cr13			
		Holl Diameter	: 3 and 6 mm (Hole diameters can be changed according customer's demande)			
702		ROLLER SET		2		
		Diameter	: 250/184 mm			
		Bearings	: Included			
		ROLLER SET (WITH SHAFT AND BEARINGS)		1		
703		SHELL SHAFT		2		
704		BLADE SET		10		
		Blade Quantity	: 80 pcs in one set			
705		SIEVES		40		
706		LOAD CELL		2		
707		ELEVATOR'S BUCKED		200		
708		ELEVATOR'S BAND (mt)		40		
709		PELLET MACHINE SAFETY PIN		10		
710		BOLTS & SCREWS		500		
711		PACKAGING BAND (mt)		10		
712		ELECTRICAL LEVEL SENSOR		2		
713		PADDLE FOR CONDITIONER		15		
714		ROLLER BEARINGS		2		
		Model	: UCF210			
715		ROLLER BEARINGS		1		
		Model	: SNN509			
716		ROLLER BEARINGS		1		
		Model	: 24044 CC_W33 SKF			
717		ROLLER BEARINGS		1		
		Model	: 24040 CC_W33 SKF			
718		ROLLER BEARINGS		1		
		Model	: SNL519 - 22316K (FOR GRINDER)			
719		ROLLER BEARINGS		1		
		Model	: SNL522 - 2222K (FOR MIXER)			
720		HELIX (1.5m)		10		
721		OIL NOZZLE		2		
722		WATER NOZZLE		2		
723		LOAD CELL (FOR DOSING)		2		
724		LOAD CELL (FOR PACKAGING)		2		
TOTAL PRICE (EXWORKS IZMIR TURKEY)						\$975.300
TOTAL PRICE (FOB IZMIR PORT)						\$985.300