STANDARD EQUIPMENT LIST OF POTATO STARCH PRODUCTION LINE
(OUTPUT 500KGS DRY POTATO STARCH PER HOUR)

DATE: FEB. 27, 2018

No.	Device Name	Product Picture	QTY	Power	Machine Material	Brief Description
Washing Workshop Section						
1	**Screw Conveyor**		1set	3.0kw	Carbon steel	Convey the potato roots to the feed port of cleaner ***Dimension:*** 4450×460×515mm ***Net Weight:*** 500KG
2	**Cage Type Cleaner**		1set	2.2kw	Carbon steel	Wash the potato roots in clean water to remove stains and dirt ***Dimension:*** 4400×1000×1280mm ***Net Weight:*** 450KG
3	**Paddle Type Cleaner**		1set	3.0kw	Stainless steel	Wash the potato roots in clean water to remove stains and dirt ***Dimension:*** 4600×850×900mm ***Net Weight:*** 400KG
4	**Stone Remove Cleaner**		1set	2.2kw	Carbon steel	Wash the potato roots in clean water to remove stains and dirt ***Dimension:*** 1345×950×1460mm ***Net Weight:*** 350KG
Extraction & Refining Workshop Section						
5	**Curved Mesh Crusher**		1set	33.5kw	Stainless steel	Crush the potato roots into a mash, and separate to remove the starch slurry and residue ***Dimension:*** 4500×900×1650mm ***Net Weight:*** 800KG
6	**Recycling Pump/Transit Pump**		6set	13.2kw	Stainless steel	Transit the potato mash among the crusher, milk filter, hexagonal filter and desander ***Dimension:*** 600×300×300mm ***Net Weight:*** 45KG

7	**Residues Conveyor**		1set	1.5kw	Carbon steel	Convey the potato dregs ***Dimension:*** 5800×460×600mm ***Net Weight:*** 200KG
8	**Milk Filter**		2set	4.4kw	Stainless steel	Separate large granular fine dregs from starch mash ***Dimension:*** 2000×640×700mm ***Net Weight:*** 150KG
9	**Hexagonal Filter**		1set	0.75kw	Stainless steel	Separate small granular fine dregs from starch mash ***Dimension:*** 2300×920×900mm ***Net Weight:*** 150KG
10	**Desander**		1set		Stainless steel	Solid control equipment that separate sand from the starch mash ***Dimension:*** 950×600×1800mm ***Net Weight:*** 32KG
11	**Desilter**		1set	7.5kw	Stainless steel	Solid control equipment that separate silt from the starch mash ***Dimension:*** 600×400×1250mm ***Net Weight:*** 88KG
12	**Starch Hydrocyclone**		12pcs	61kw	Stainless steel	Concentrate to remove the partial water, and refine to remove the protein, other impurities from starch mash ***Dimension:*** 7500×1000×1700mm ***Net Weight:*** 2050KG
13	**Transit Pool**		**Prepared By Customer**			Temporarily store mash
14	**Starch Milk Pump**		2set	3.0kw	Stainless steel	Pump the starch mash
15	**Vacuum Dehydrator**		1set	13.2kw	Stainless steel	Separate fines from liquids to realize the starch water content up to 40% for the next starch drying
16	**Vacuum Pump**		1set		Cast iron	***Dimension:*** 1500×1800×1620mm ***Net Weight:*** 600KG
17	**Steam Separator**		1set	1.1kw	Stainless steel	Separate water droplets from steam

18	**Starch Conveyor**		1set	0.75kw	Joint Part	Convey the dewatered starch to the dryer ***Dimension:*** 5100×550×300mm ***Net Weight:*** 100KG
Drying Workshop Section						
19	**Feeder**		1set	22kw	Stainless steel	Dry the mash to low moisture content by principle of heat transfer exchange, and sieve to obtain fine granules of uniform size ***Net Weight:*** 1500KG
	Elevator		1set		Stainless steel	
	Airflow drying tower		1set		Stainless steel	
	Wind Closer		1set		Carbon steel	
	Induced draft fan		1set		Carbon steel	
	Hot air furnace		1set		Carbon steel	
	Starch recycler		1set		Carbon steel	
20	**Screener**		1set	2.2kw		Screen the dry starch
21	**Conveying lifter**		1set	1.5kw		Lift the starch for packing
22	**Starch packaging machine**		1set	3.0kw		Automatic pack the starch into standard bags ***Dimension:*** 1000×1400×2000mm 2000×600×250mm 500×400×1600mm ***Net Weight:*** 450KG
Auxiliary Facility						
23	**Control panels**		1set		Alternative	Monitor and control the whole production line equipped with push buttons ***Dimension:*** 750×350×1700mm ***Net Weight:*** 450KG
24		**TOTAL POWER AND PRICE**		**179KW**	**204978USD**	**FOB QINGDAO SEA PORT**

REMARKS:

Engineering Costs for Installing and Debugging: Customer afford the visa charges, double-freight, accommodation and **USD100.00 each person each day** for Goodway engineers and technicians. The engineering period will be around 6-8 weeks normally.

1. Workshop area: about **300m^2**. Length 30m, Width 10m, Height≥6m. Height of some parts≥10m (to the roof opening).

2. Voltage: 380V & 50/60Hz, 3Phase. Maximum voltage floating range: 6%. Maximum frequency floating range: 4%.

3. Installed capacity: about 179KW.

4. Water Consumption: 8-12m^3/h, Atmospheric Normal temperature, meeting the drinking water standard.

5. Manpower: 5-7 labor.

6. Above price is including motors for all machines.

FEATURE	Highly Labor-Saving Modern Automation Potato Starch Processing
DELIVERY	90Days Upon Receipt Of 30% Deposit For Whole Production Line
PAYMENT	30% Deposit, 70% Balance By T/T Before Shipping
MOQ	Currently No Limit
QUALITY GURANTEE	12 Months From Delivery Date
VALIDITY	By MAR. 27, 2018