

Formal Quotation

PE Film Recycling Machine Line

--Capacity: 500Kg/hr



**ZHANGJIAGANG D&M MACHINERY CO., LTD /
RHEKRON PLASTICS SA DE CV**

张 家 港 典 美 机 械 有 限 公 司

PART I Project Evaluation

1.Raw Material & Final Product:

Raw material & Formulation	Post-consumer PE Film
Final Product & Output Capacity	500Kg/hr
Description of Final Product	1. Moisture: 5% 2. Bulk density: 0.3G/CM3 3. Particle size: 50-80mm (can be designed as per special requirement)

2.Work Condition:

Warehouse/Workshop	Dimension (M*M*M): 40(L)×3(W)×4(H); If workshop is small, turn the machine around.
Power supply & Installation power	3-phase, 380 V, 50 Hz; (do as customer's request)
Wire/cables(provide by customer)	Wires/cables from power supply to control cabinet of this production line; all electrical cables from control cabinet to each machine.
Water supply hose/pipe(provide by customer)	Water supply to machines and pools

3.Energy Consumption:

Installation power	200Kw (Actual Consumption 140Kw)
Water supply	Consumption: ~8 tons per hour recycling water.
Manpower	3 Persons

Contact: Mr.Jorge

Tel/WhatsApp/Wechat: +52 4422707929

Email direccion@gmail.com

Address: Renming Road, Leyu Town, Zhangjiagang City, Jiangsu Province, P.O.BOX 215600 China [Http://www.rhekron.com](http://www.rhekron.com)

Equipment List:

No.	Name	Specification	Qty.	Price
1	Conveyor principal	2.2 Kw	1 pc.	2000
2	Molino PC1000	45 Kw	1 pc.	12500
3	Cargador de gusano	2.2 Kw	1 pc.	3500
4	Unidad II de lavado por fricción	15 Kw	1 pc.	3500
5	Tanque de lavado en frio 6 metros	2.2Kw*3	1 pc.	10000
6	Unidad III de lavado por fricción	15 Kw	1 pc.	3500
7	Centrifugadora	45 Kw	1 pc.	9500
8	Ciclón con tuberías	36 Kw+7.5 Kw	1 pc.	6000
9	Silo	0.75m3	1pc	2000
10	Panel de Control de mando	CE Mark	1 pc.	1500

Business Term:

DELIVERY

: EXW CHINA, 1x40HQ Container

PRICE

: 54000USD

DELIVERY TIME

: 60 Working Days

OFFER VALIDITY

: 30 Days

TERMS OF PAYMENT

: 30% of down-payment by T/T. Balance 70% T/T before delivery

WARRANTY

: **Mechanical parts & Electrical parts :**

12 months for parts considered by the manufacturer to be defective.

INSTALLATION

: One person is needed for commissioning; The buyer afford go and back round ticket, accommodation, and 100usd allowance per person per day.

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PART II Specification for PE Film Recycling Machine

No.	Name	Technical Specification	Photo of Machine
1	Belt Conveyer	Waste film feeding 1.Transport method: By strap 2.Power of motor: 2.2kw 3.Work length: 4000 mm 4.Width of strap: 800mm 5.Conveying speed: 1-10m/min 6.Weight: 250kg 7.Dimension: 3000 x 500x1500mm 8.Raw material: Carbon steel	

2	PC1000 Crusher	Film crushing 1. Quantity of rotating blade: 6 pcs. 2. Quantity of fixed blade: 4 pcs. 3. Blade Material: SKD-11 4. Rotary speed: 550-600 rpm 5. Rotation Diameter: $\phi 670\text{mm}$ 6. Capacity of grinding: 500 kg/h 7. Aperture of sieve: $\phi 100\text{mm}$ 8. Power of motor: 45 kw 9. Open Chamber: by screw rod 10. Bearing Seat: NSK Brand 11. Chamber Body Thickness: 45mm 12. Dimension: 2200*2000*3200mm 13. Dimension of chamber: 1100*1000*1500mm 14. Weight: 2100kg 15. Raw material: Carbon steel 16. Shaft undergoes balance treatment 17. Shaft undergoes heat treatment and tuning 18. Pully wheel undergoes balance treatment 19. Screw fasten blade is 12.9 degree 20. Independent bearing seat will make sure no impurity can come into the bearing. It is with gasket sealant with oil lubrication.	 
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3	Screw Loader	<i>Screw conveying</i> 1.Power of motor: 2.2 kw 2.Effective length: 3500mm 3.Diameter of screw: $\Phi 380\text{mm}$ 4.Speed of screw: 35rpm 5.Thickness of blade: 3mm 6.Pre-wash: top injection water 7.Method of feeding: By screw 8.Dimension: 3500*800*2500mm 9.Weight: 500kg 10.Material: By Stainless steel	
4 6	Friction Washing Unit	<i>Friction conveying</i> 1.Power of motor: 15 kw 2.Effective length: 3000mm 3.Diameter of screw: $\Phi 380\text{mm}$ 4.Speed of screw: 500rpm 5.Thickness of blade: 10mm 6.Pre-wash: top injection water 7.Method of feeding: By screw 8.Dimension: 3300*800*2500mm 9.Weight: 1500kg 10. Material: Shaft Carbon Steel Body Stainless steel 11. Qty: Two Sets	

5	Washing Tank I	Cleaning film 1.Total Length: 6000mm 2.Power of motor: 2.2kw*3 3.Volume of water: 5 tons 4.Waste water: bottom discharge 5.Quantity of roller: 5 6.Dimension: 6000*1600*2100mm 7.Weight: 1500kg 8.Material: Stainless steel	
7	Centrifugal Dewater	Dewatering 1.Motor power: 45kw 2.Aperture of sieve: $\phi 3\text{mm}$ 3.Rotary speed: 1480rpm 4.Dewatering method: Centrifugal 5.Dimension: 6000*1200*1850mm 6.Weight: 1220kg 7.Material: Shaft Carbon Steel Screen Net Stainless steel	

8	Pipeline Drying System with Silo	Hot air drying 1.Power of blower motor: 7.5kw 2.Heating power: 48kw 3.Material of stacker: Stainless steel 4.Cooling method: Blowing 5.Length of tube :12m 6.Diameter of tube: Φ219mm 7.Dimension :3400 x2700 x2100mm 8.Weight :800kg	
9	Silo	Storage silo for PE Film 1.Film Silo: 0.75 m³ 2.Material: steel	

10	Electrical Control Cabinet	SIEMENS	
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Certificate

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Report Number: QIP-ASI174255 Audit Date : 04 Mar.,2017

This report is issued by Focus Technology Co., Ltd. (Made-in-China.com) and the supervising inspectorate (SGS-CSTC Standards Technical Services Co., Ltd.) to confirm that:

Company Name : Zhangjiagang City Dianmei Machinery Co., Ltd.
张家港市典美机械有限公司

Showroom : <http://zhjgmachine.en.made-in-china.com>

Address : Changrui Road, Changyinsha, Zhaofeng Town, Zhangjiagang, Suzhou, Jiangsu, China.

Product : Plastic Machine, Recycling Machine, Plastic Recycling Machine Line, Plastic Granulation Machine, Plastic Sheet Extrusion Machine Line, Plastic Board Extrusion Machine Line.

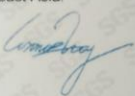
has been on site audited for the Following Scope of Activity

1. General Information
2. Foreign Trade Capacity
3. Product Research & Development Capacity
4. Production Capacity & Quality Control
5. Working Environment
6. Energy Saving and Emission Reduction
7. Photos



General Comments:

Zhangjiagang City Dianmei Machinery Co., Ltd. is a manufacturer with 9 employees; it was established in 2014, located in Changrui Road, Changyinsha, Zhaofeng Town, Zhangjiagang, Suzhou, Jiangsu, China. The company occupies an area of 1,000 square meters, and they have successful foreign trading experience in South America, Africa and Southeast Asia.


 Sign for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd.



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SF 3-4 Building, Zhen (Baixia) Technology Incubation Special Park, No.1 Guanghua Road, Nanjing, China 210014 t (86-25) 87128385 f (86-25) 83407773 www.sgs.com.cn

中国·南京·秦淮区光华路1号紫金白下创业特别社区4号楼B幢5楼 邮编: 210014 t (86-25) 87128385 f (86-25) 83407773 e as.cn@sgs.com

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