

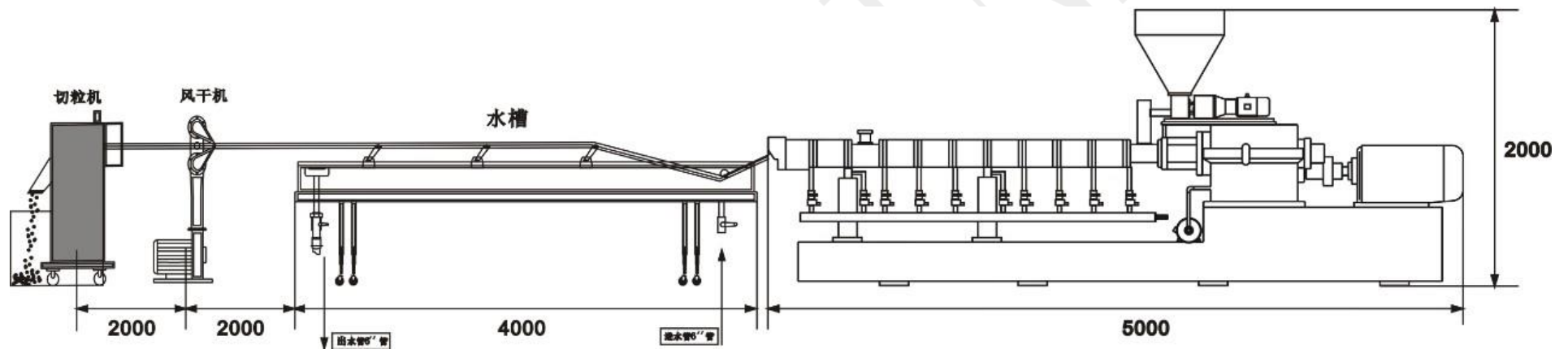


FICHA TÉCNICA
PELLETIZADORA DOBLE HUSILLO
300kg/hr, JH65

ZHANGJIAGANG D&M MACHINERY CO., LTD
RHEKRON PLASTICS MEXICO

Zhangjiagang Dianmei Machinery Co.,Ltd / RHEKRON PLASTICS SA DE CV
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PART I Layout for Plastic Granulation Machine



PART II Project Evaluation

1. Raw Material & Final Product

Raw material & formulation	PET Flakes
Final product & Output capacity	300kg/hr
Description of final product	PET Pellets

2 Work Condition

Warehouse/Workshop	Dimension (M*M*M): 15(L)×3(W)×3(H)
Power supply & Installation power	3-phase, 440 V, 60 Hz; (do as customer's request)
Wire/cables	Provide by customer
Water supply hose/pipe(provide by customer)	Provide by customer

3. Energy consumption:

Installation power	150Kw (Actual Consumption 100Kw)
Water supply	Consumption: ~2 tons per hour cycling water.
Manpower	1 Persons

4. Equipment List

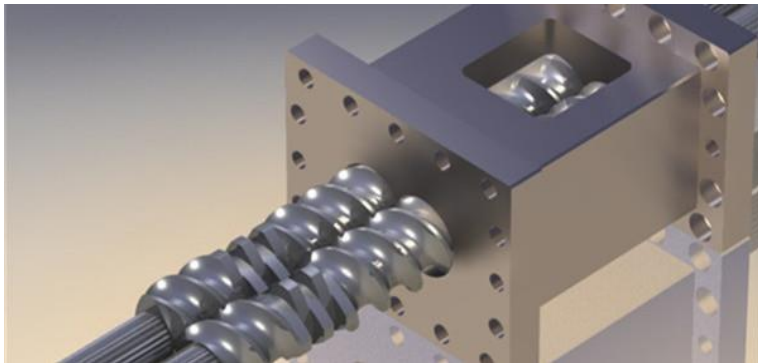
Item	Name	Specification	Qty
1	Screw Loader	1.5Kw	1pc
2	Screw Dosing Feeder	1.5kw	1pc
3	Parallel Extruder 65B/40, Vacuum System	90+40+2.2Kw	1 pc
4	Hydraulic Screen Exchanger	2.2+8Kw	1 pc
5	Water Cooling Slot	5Meters	1 pc
6	Air Blower Dryer	2.2Kw	1pc
7	Granulator	3Kw	1 pc
8	Air Blower	2.2Kw	1 pc
9	Silo	/	1 pc.
10	Electric Cabin	Schneider	1pc
11	Chiller	10Hp	1pc

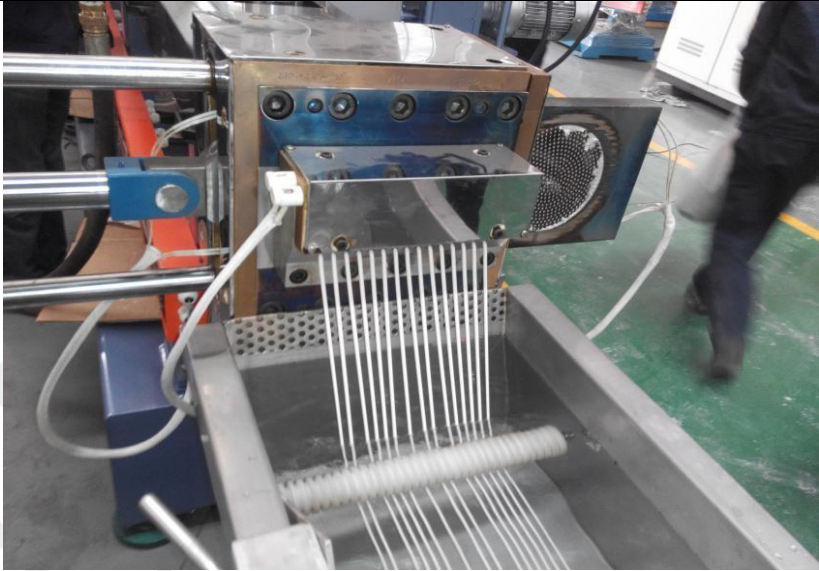
5. Business Term

<u>DELIVERY</u>	:	China
<u>PRICE</u>	:	61,150 USD
<u>DELIVERY TIME</u>	:	60 Working Days
<u>OFFER VALIDITY</u>	:	30 Days
<u>TERMS OF PAYMENT</u>	:	30% of down-payment by T/T. Balance 70% T/T before delivery
<u>WARRANTY</u>	:	<u>Mechanical parts</u> & <u>Electrical parts</u> : 12 months for parts considered by the manufacturer to be defective.
<u>INSTALLATION</u>	:	One person is needed for commissioning; The buyer afford round ticket, accommodation, and 100usd allowance per person. It takes 10days installation.

PART III Specification for PET Granulation Machine

No	Name	Technical specifications	Photo of machine
1	Screw Loader	Screw Loader Material: Stainless Steel Motor:1.5kw	
2	Screw Dosing Feeder	Screw Dosing Feeder Motor:1.5Kw Speed: By Inverter Control	

3	Parallel Extruder JSD65/40	Parallel Extruder 1. Single Screw Dosing Feeder: 1.5kw 2. Screw: Parallel Twin Screw 3. Screw Material: W6Mo5Cr4V2; 4. Screw Hardness: HRC58—60 5. Screw Diameter: $\phi 50\text{mm}$ 6. Ratio of Screw: 40:1 7. Screw Rotation: 60—600rpm 8. Barrel total 10section; Each section 160mm 9. Inner Surface hardness: HRC60—62MM 10. Main Motor Power: 90Kw AC; SIEMENS China 11. Gearbox :20CrNi2MoA; NSK Bearing; Model: B Type 12. Gearbox and Motor Connection by R & W clutch 13. Clutch is used to transmit motor power to gearbox The clutch has two couples linked with nylon pins If overrunning, nylon pin breaks to protect motor 14. Total Heating Power: 45Kw; Copper Heating 15. Air Exhaust Vacuum Pump: 2.2Kw; China Brand 16. Oil Cooling For Gearbox: 0.55Kw; China Brand 17. Water Cooling Pump: 0.75Kw; China Brand 18. Vacuum Ratio: 0.08Mpa 19. Capacity: 300--400Kg/hr 20. Barrel arrangement: Barrel#1: open barrel for feeding Barrel#2-3: closed barrel, casting aluminum Barrel#4-5: closed barrel, casting aluminum Barrel#6: open barrel for degassing, casting alu Barrel#7: closed barrel, casting aluminum Barrel# 8-10: closed barrel, casting aluminum Solenoid valve: imported Danfoss products	 
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4	Hydraulic Screen Exchanger	Hydraulic Screen Exchanger 1.Hydraulic Motor Power: 1.5kw 2.Diameter of Screen: $\Phi 160\text{mm}$ 4.Hydraulic Station: 10Litre Head 1.Strand Diameter: $\Phi 3\text{-}8\text{mm}$	
5	Water Cooling Slot	Waste Cooling Slot 1.Material: Stainless Steel 2.Working Length: 5Meter	

6	Air Blower	<i>Air Blower</i> 1. Air Dryer Blower: 3Kw	
7	Granulation	<i>Pelletizing</i> 1. Power of Motor: 3Kw 2. Teeth: 32teeth 3. Roller Blade: L200xΦ 200mm	

8	Air Blower	Air Blower: 2.2Kw	
9	Silo	Volume 0.5m3 Stainless steel	

10	Electric Cabinet	Voltage:380V,AC.3phase Temperature controller :Omron Inverter :SIEMENS Contactor, Relay: Schneider	
11	Chiller	10Hp Air Cooling Chiller With Cooling media Is used to supply cold water for extruder	

pare Parts List

Description	Quantity
Oil Seal	3Sets
O Ring for Vacuum Chamber	3Sets
Screw	100mm
Thermocouple	1Set
Hexagon Spanner	1Set
Fuse	3Set
Glove	1Set
Relay	3Pieces

Standard

SGS **Made-in-China.com**
Connecting Buyers with Chinese Suppliers

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://zhjqmachine.en.made-in-china.com>

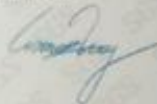
Address : Changrui Road, Changyinsha, Zhaofeng Town, Zhangjiagang, Suzhou, Jiangsu, China.

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.

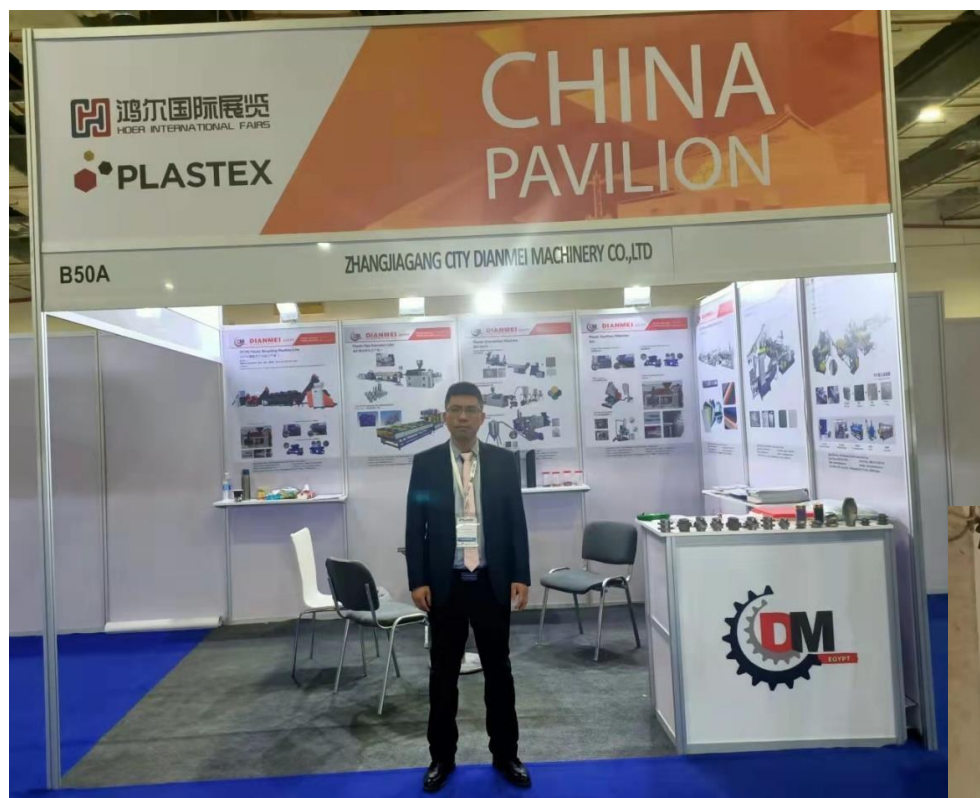


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Loading Photo



Fairs Exhibition



Parallel Extruder with Water Cold Strand Granulating Machine Line ▶



PET recycled bottle flakes



PET pellets

平行同向双螺杆挤出机具有优异的混合性能、良好的自洁性能、灵活的模块化组合特征能够适应众多物料体系的不同类型加工，在聚合物加工、食品加工、化工产品等领域得到了广泛应用，尤其适用于各种高分子材料的加工 PP, PE, PET, EVA 等。

Parallel co-rotating extruders have excellent mixing performance, good self-cleaning performance and flexible modular configuration characteristics which make them suitable for processing different types of material systems, and are extensively used in fields of polymer processing, foodstuff processing and chemical products, especially for various high molecular materials.



主要技术参数 Main Technical Parameter

型号 Type	系列 Series	螺杆直径 D(mm)	螺杆长径比 L/D	螺杆转速 N(r/m)	主电机功率 P(kw)	螺杆扭矩 T(N.m)	扭矩等级 T/A	典型作业生产能力 Q(kg/h)
JH-20	A	21.7	32-60	400	3	30	4.8	2~10
JH-35	B	35.6	32-60	600	15	115	4.2	15~55
JH-50	B	50.5	32-60	600	55	415	5.2	155~255
JH-65	B	62.4	32-60	600	90	680	4.8	255~400
JH-75	A	71	32-60	500	110	995	4.6	300~550
JH-95	B	93	32-60	600	315	2380	5	950~1600
JH-135	B	133	32-48	500	750	6800	4.8	2250~3750

参数如有变动，恕不另行通知 Revision right reserved