



COMER™ TDS/TDD Series XPS Production Line
Eco-Friendly CO₂ Foam Extrusion Technology

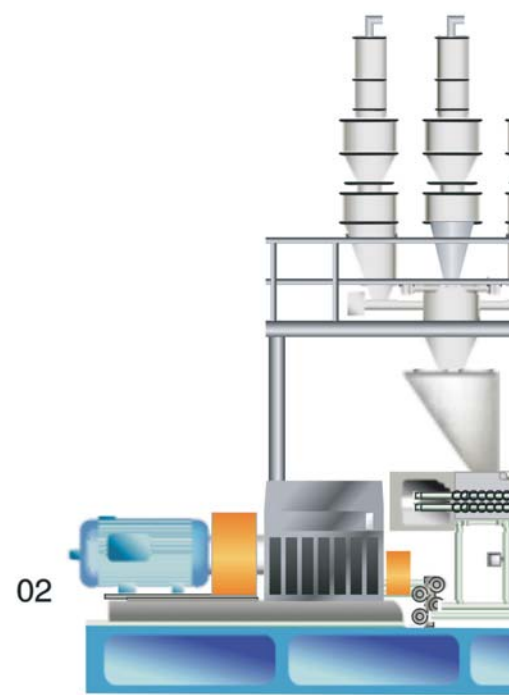
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■ We Make Environment Protection And Energy-Saving More Scientific

Global warming is influencing our lives day by day; everyone on the earth has the duty to protect our environment. For this, USEON people did more. On the basis of foam extrusion principle of single screw extruders, and merged the excellent mixing advantage of twin screw extruders, our ECOTEKER Foamextrusion team developed the first COMER™ TDS/TDD series CO₂ foam XPS production line in China.

The present COMER™ TDS/TDD replaces the traditional Freon series foam technology absolutely. It will give a great contribution to environment protection worldwide. The lower cost advantage of CO₂ and its anti-flammability in nature makes energy saving more economic and safer. The demands of energy saving in developing countries and areas will come true.

Surely, aspiring UESON people will never stop on such achievements. We are still working on other eco-friendly products, and the customization service ability. Our wealth of experience and capabilities in machine design and manufacture enable us become your reliable partner. Our quality and service will make you be more confident to the competition.



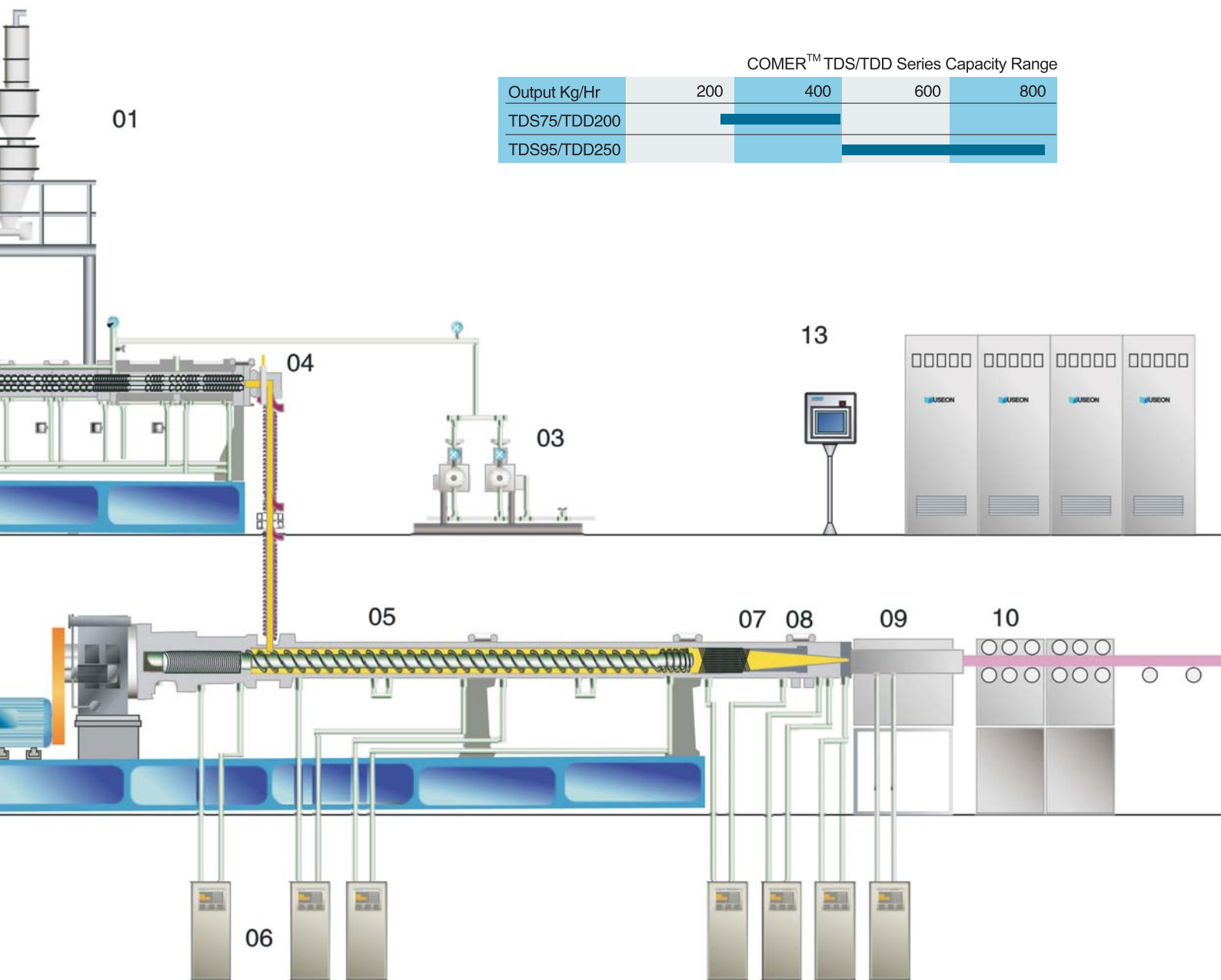
■ Feeding System

Precise and proper feeding system is the beginning of high quality production. COMER™ TDS/TDD has been equipped with automatic gravimetric feeding system and vacuum conveying system. Surely, for your options, we remain the economical spiral feeding system and mechanical premix system.



Extrusion System

COMER™ series production line can produce better quality of final products is the result of the comprehensive understanding of single screw and twin screw extruders. COMER™ integrated the excellent mixing performance of twin screw extruder and cooling performance of single screw extruder. This provides the guarantee for higher capacity and better quality of final products.



COMER™ TDS/TDD Series Capacity Range

Output Kg/Hr	200	400	600	800
TDS75/TDD200				
TDS95/TDD250				

■ Control System

From relay to PCC (industrial computer control), we can customize the control system according to your specific requirements. We not only think about economical factors, more and more humanized designs have been introduced to our control system, which makes the precise control easier.

01 Gravimetric feeding system with vacuum conveyor

02 TDS Twin screw extruder

03 Foam agent injection system

04 Hydraulic screen exchanger

05 TDD Single screw extruder

06 Cooling system

07 Static mixer

08 Slot die

09 Plate calibrator

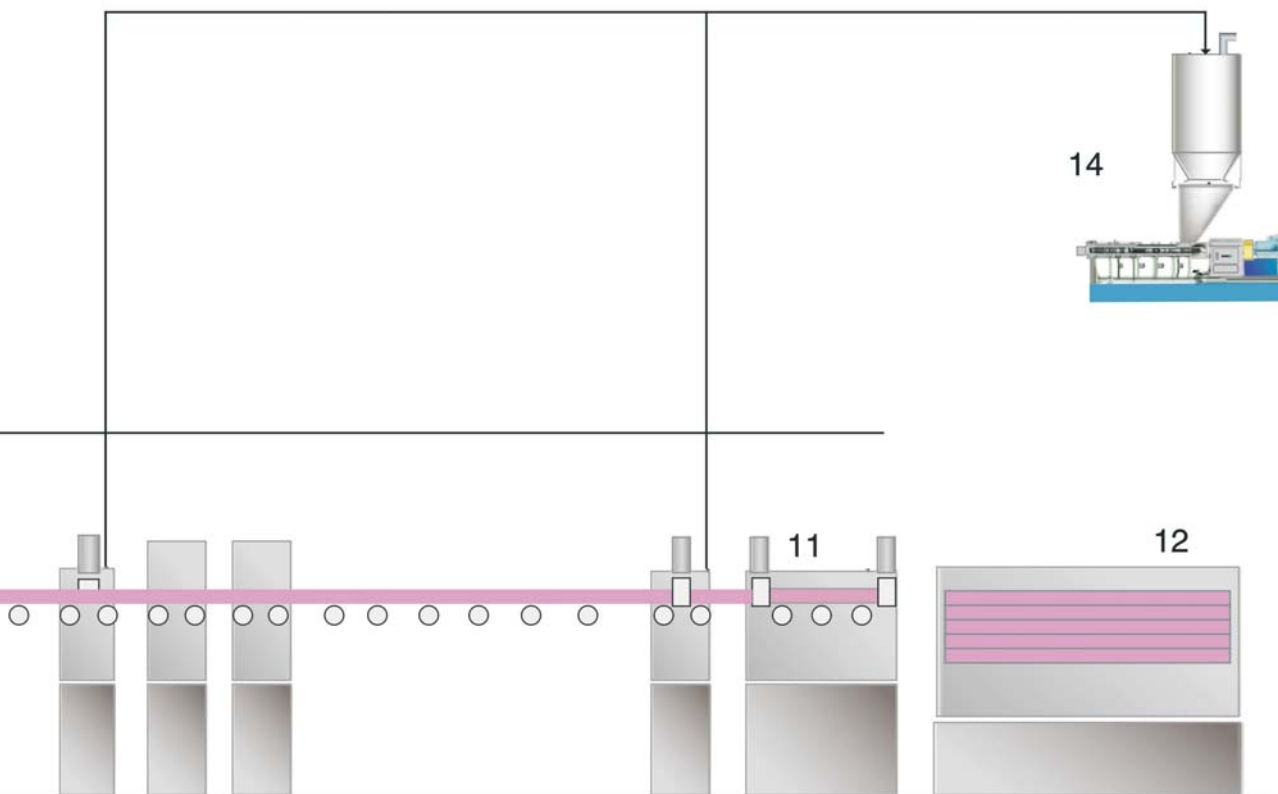
10 Haul-off system

11 Sides trimmer

12 Automatic packaging system

13 Touch screen control system

14 Online margin recycle system with suction conveyor



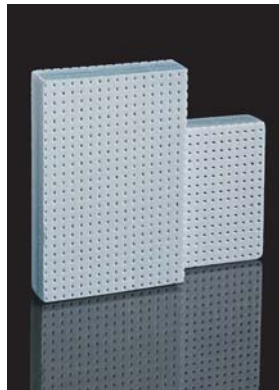
■ Auxiliaries

To meet the diversified demand, we carried out many kinds of auxiliaries for XPS. These devices can catch the multi-segments of market, and make you more competitive in the market.

The auxiliaries we have

- Embossing machine
- Surface planner
- Surface roughenner
- Four-sides edge shaper
- Automatic packing system
- And more

All above machines can be on-line or off line.





after you purchase single machine or complete plant, we will provide turn-key project service.

- Single Screw Extruder/ Twin Screw Extruder
- XPS Foam Extrusion
- WPC Material/Profile Extrusion
- PET Recycling & Sheet Extrusion
- Compounding & Granulating

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