

## WEBER – technology leader for extruders for window profiles



**F**lexibility is key in the production of window profiles. Consequently, WEBER have tailored their product portfolio exactly to the needs of the manufacturers. Customers can choose between different output ranges and technical variants. But all extruders have one thing in common: proven WEBER quality.

It guarantees long lasting and reliable machines. There is a good reason why customers in over 100 countries rely on extruders from WEBER. We are in close contact with extrusion companies from all over the world which makes us a pioneer for innovative machine technology.

## FleXXtrusion® – the extruder concept of the future

WEBER present the most flexible machine concept of all times. The new *FleXXtrusion*® line sets standards in the field of extrusion.

The principle is simple and well thought out: frame, control cabinet and drive unit are the same for each model size. The processing unit can be individually selected to suit customer requirements.

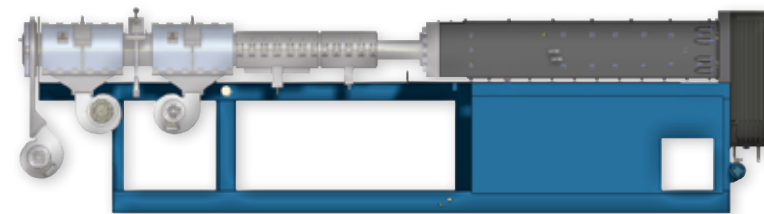
If customers require a greater output capacity they do not have to buy a complete new machine, as before. For the *FleXXtrusion*® models the drive unit remains and only the processing unit is replaced – everything in proven WEBER quality.

### Advantages of WEBER *FleXXtrusion*® series

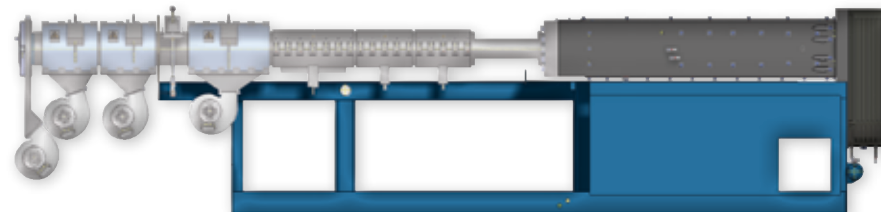
- Modular machine concept offers maximum flexibility
- Interchangeable processing units
- Can be optimised to suit the required output in each case
- Processing of different recipes using an adjustable feed diameter
- Choice of different processing units for individual requirements
- Low investment costs for subsequent upgrades
- Can be combined with the WEBER co-extrusion technology

*As an alternative to the *FleXXtrusion*® line, customers can also order their extruder in the Classic Line. WEBER offer competent advice.*

Interchangeable processing unit 25 D

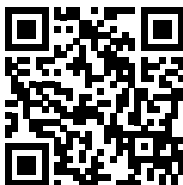


Interchangeable processing unit 32 D



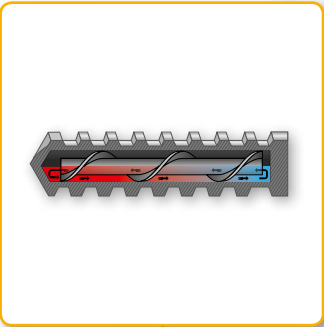
### FleXXtrusion® Profile Series

Extruder	max. output PVC profile [kg/h]*
DS 7.32	260
DS 9.32	390
DS 12.32	650



\* when processing commercial grade PVC dry blend

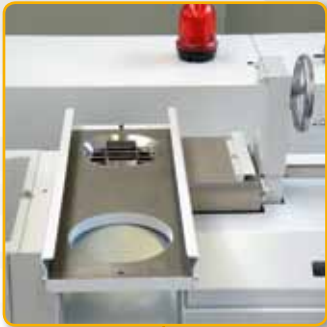
# Window profile extrusion



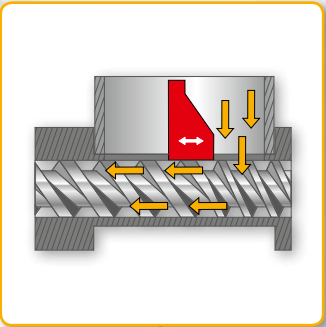
Screw temperature control



WPS3



Filling hole



Adjustment device for the filling hole



Central water supply



## WEBER Duo technology: one line, two strands – everything under control

Innovation is one of the top priorities at WEBER. This is why the company have invented the Duo technology and have consistently developed it further during recent years. The concept is well thought-out and fully aligned with the requirements of our customers.

### Advantages of the WEBER Duo technology

- Separate control of the individual strands
- Independent melt flow in both strands
- Simultaneous extrusion of different profile geometries
- Easy handling for starting and stopping the line
- Greater flexibility for output capacity



Quadruple Duo co-ex system: two DS 11.22 with two CE 7 Z



## WEBER co-extruders – co-extrusion made easy

More and more companies are using the co-extrusion technology. It uses co-extruders which are mounted on the main extruder. This provides customers with a well thought-out solution for small spaces while being able to choose between different fields of application. One of the options is to install conical twin screw co-extruders from the CE Z series for processing PVC-U. another option is the Single screw co-extruders from the ZE series which allow easy processing of PVC-P and other polymers such as PMMA.

### Advantages of co-extrusion technology

- Production of coloured profile surfaces from PVC or other polymers
- Profile extrusion from recycled PVC in combination with new PVC
- Production of seals from PVC-P or TPE
- Space saving machine layout through „piggyback“ system
- Movable trolley for use in different lines
- Output capacities up to 270 kg/h



### Conical twin screw co-extruder CE Z

Extruder	max. output PVC profile co-ex application [kg/h]*
CE 3 Z	25
CE 3.2 Z	30
CE 5 Z	70
CE 5.2 Z	80
CE 7 Z	170
CE 7.2 Z	190
CE 8 Z	250
CE 8.2 Z	270



\* when processing commercial grade PVC dry blend

**The perfect combination: DUO and co-extrusion technology**

Compact and powerful: WEBER provide customers with an intelligent combination of the DUO technology with the co-extrusion principle. Not only does this provide the option of fitting a main extruder with two individual strands, it also allows two co-extruders to be mounted on the top. The result is a compact and space saving quadruple extruder with a central controller.

## The *Classic Line*: Proven extruder technology with optimal pricing

The *Classic Line* is specifically designed for profile extrusion. It combines economical production of window profiles with maximum product quality. The proven models from the *Classic Line* are well known on the market and complete the spectrum of the WEBER profile extruder range.

The *Classic Line* is based on proven WEBER extrusion technology paired with machine equipment that is customised for the special requirements of the user. Cost optimised system technology is becoming increasingly important for many customers, particularly during the start-up phase. The WEBER *Classic Line* provides you with the perfect solution for your requirements.

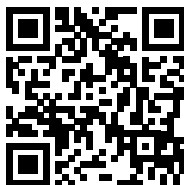
Choose between different machines with different output capacities.

### Advantages of the WEBER *Classic Line*

- Proven and tested system technology
- Processing of different material types using an adjustable feed diameter
- Reasonably priced alternative to the *FleXXtrusion*® profile series
- Can be combined with WEBER co-extrusion technology from the CE or ZE series
- Maximum system availability

### Parallel twin screw extruder for profile extrusion *Classic Line Profile Series*

Extruder	max. output PVC profile [kg/h]*
DS 72.22 P	180
DS 8.22 P	230
DS 9.25 P	330
DS 11.22 P	430
DS 11.27 P	480
DS 12.28 P	600



\* when processing commercial grade PVC dry blend

