

Film coating unit

RU-FE

for covering profiles with protective film on three sides

Our film coating unit helps you protect your profile surface reliably from damage. Customer discounts for damaged surfaces are now a thing of the past. Before applying the protective film, you can check the surface quality again, and preserve it in this condition until delivery or installation of the finished product. The protective film is not removed until the product is handed over to the customer.



Film coating unit with fitted conveyor

Advantages

- The unit works independently of the profile system. All profiles with two parallel surfaces can be coated with film.
- A corresponding accessory can be fitted for applying protective film to a third side at right angles to the other two sides.
- All commercially available films with tear resistance >1.5 daN/cm and unrolling resistance <180 cN/cm can be processed.
- The film length of up to 500 m per roll allows for large profile quantities to be processed without constantly changing the film roll.
- The buffer option allows for highly effective working because the operator does not have to move between feed and discharge section for every rod.

Film coating device features:

- Device for 2 film rolls with 75 mm core diameter and max. 270 mm outer diameter, corresponding to a film thickness of 100µ and film length of approx. 500 m.

These two film rolls apply protective film to two parallel surfaces. The film width can range from 30 to 250 mm.



Film coating device equipped for applying film coating to third side

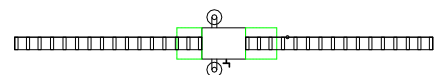
- A handwheel is used to adjust profile thicknesses from 30 to 100 mm.
- The profiles are fed manually into an automatic cycle which pulls them through the device and pushes them out onto the discharge side after cutting off the film.
- Fully adjustable film coating speeds of up to 0.7 m/sec.

Film coating device accessories:

- A third profile side can be fitted to the film coating device at right angles to the other two sides. Film width max. 100 mm.
- Buffer for film-coated profiles in discharge section. After cutting the film, the profiles are automatically taken to the buffer so that the next profile can be fed into the machine.
- Feed and discharge conveyors RU-ZUR..

Technical data:

Type	Version	OrderNo.	Overall dimensions L x W x H
RU-FE	for 2-sided film coating third side	10071000 6065	1600 x 1000 x 1350 mm without oversize
RU-PP	Profile buffer in discharge section	10152000	5000 x 1500 x 1300 mm
RU-ZUR-2	Feed/discharge conveyor, Effective length 2000 mm	10170000	2000 x 230 mm
RU-ZUR-3	Feed/discharge conveyor, Effective length 3000 mm	10170-20	3000 x 230 mm
RU-ZUR-4	Feed/discharge conveyor, Effective length 4000 mm	10170-40	4000 x 230 mm
RU-ZUR-5	Feed/discharge conveyor, Effective length 5000 mm	10170-60	5000 x 230 mm
RU-ZUR-6	Feed/discharge conveyor, Effective length 6000 mm	10170-80	6000 x 230 mm



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