

| | Laboratory (A4 x 1) | Regular (A4 x2) | Semi-continuous (300 mm width) | Continuous (1000 mm width) |
|--------------------------------|---|---|---|--|
| Casting device | none | none | none | none |
| Casting thickness gauge | 10 - 8000 mm | 10 - 8000 mm | 10 - 8000 mm | custom made |
| Available coating size (W x L) | 250 x 300 mm | 250 x 600 mm | Max width of 300 mm | Max width of 1000 mm |
| Casting speed | adjustable: 0.2 ~ 3 m/min | adjustable: 0.2 ~ 3 m/min | adjustable: 0.5 ~ 3 m/min | adjustable: 0.5 ~ 5 m/min |
| Casting plate | <ul style="list-style-type: none"> • glass • no temp. control | <ul style="list-style-type: none"> • stainless steel 304 or aluminum • air suction function • Temp. control by external heat exchanger | <ul style="list-style-type: none"> • casting support roller • diameter of 60 mm | <ul style="list-style-type: none"> • casting support roller • diameter of 120 mm |
| External heat exchanger | none | yes | yes | yes |
| Coagulation bath | none | none | yes | yes |
| Washing bath | none | none | none | yes |
| Guide roller | none | none | yes | yes |
| Unwinder and rewinder unit | none | none | yes | yes |
| System power and control | AC 220V x 50/60Hz, 0.5kW | AC 220V x 50/60Hz, 1.0kW | AC 220V x 50/60Hz, 1.5kW | AC 380V x 3 phase 50/60Hz, 50kW |
| System dimension (LxWxH) | 400 x 350 x 200 mm | 800 x 500 x 250 mm | 900 x 550 x 600 mm | Example 4100 x 1800 x 1500 mm |

Thin film composite coating systems:

| | Semi-continuous flat sheet membrane dip-coating system | Semi-continuous flat sheet membrane gravure-coating system |
|--------------------------|---|---|
| Coating process | 300 mm W <ul style="list-style-type: none"> • 1st dipping and SUS304 rolls and rubber mangle • 2nd spray or dipping | 300 mm W <ul style="list-style-type: none"> • 1st gravure coating • 2nd gravure coating |
| Drying | Dry oven: drum type dryer (600 mm D x 400 mm W) | Dry oven: drum type dryer (600 mm D x 400 mm W) |
| Coating speed | 1-5 m/min | 1-5 m/min |
| System dimension (LxWxH) | 2200 x 1100 x 1900 mm | 2300 x 1100 x 2000 mm |