

Technical Specifications

Effective January 2010

| | Electronic Models | | | | Superfine Models | | Basic Models | |
|---|---|---|---|---|---|--|--|--|
| | - Desktop Units - | | - Floor Models - | | - Desktop Units - | | - Desktop Units - | |
| | 80 E | 120 E - 250 | 120 EH - 250 | 120 EH - 450 | 80 S | 120 S - 450 (green model) | 50 | 80 |
| Throughput liters/hour min. - max.* | 0.02 - 20 | 0.5 - 30 | 0.5 - 30 | 1 - 60 | 0.02 - 20 | 1 - 60 | 0.02 - 7 | 0.02 - 20 |
| Roller diameter mm | 80 | 120 | 120 | 120 | 80 | 120 | 50 | 80 |
| Roller length mm | 200 | 250 | 250 | 450 | 200 | 450 | 150 | 250 |
| Roller speed ratio n1 : n2 : n3 | 9 : 3 : 1 | 9 : 3 : 1 | 9 : 3 : 1 | 9 : 3 : 1 | 9 : 3 : 1 | 9 : 3 : 1 | 3.3 : 1.8 : 1 | 9 : 3 : 1 |
| Roller material | chrome-plated hardened steel, aluminum oxide, polished aluminum oxide (Superfinish), zirconium oxide, silicon carbide | chrome-plated hardened steel, aluminum oxide, polished aluminum oxide (Superfinish), zirconium oxide, silicon carbide | chrome-plated hardened steel, aluminum oxide, polished aluminum oxide (Superfinish), zirconium oxide, silicon carbide | chrome-plated hardened steel, aluminum oxide, polished aluminum oxide (Superfinish), silicon carbide | chrome-plated hardened steel, aluminum oxide, polished aluminum oxide (Superfinish), zirconium oxide, silicon carbide | chrome-plated hardened steel, aluminum oxide, polished alu-minum oxide (Superfinish) | chrome-plated hardened steel, aluminum oxide | chrome-plated hardened steel, aluminum oxide |
| Universal scraper system (optional PFA coating) | standard | standard | standard | standard | standard | standard | optional | standard |
| Scraper knife material | steel, plastics, aluminum oxide, zirconium oxide | steel, plastics, aluminum oxide, zirconium oxide | steel, plastics, aluminum oxide, zirconium oxide | steel, plastics, aluminum oxide, zirconium oxide | steel, plastics, aluminum oxide, zirconium oxide | steel, plastics, aluminum oxide | steel, plastics, aluminum oxide | steel, plastics, aluminum oxide |
| Required power: 1 speed motor kW | - | - | - | - | - | - | 0.12 | - |
| Required power: 2 speed motor kW | - | - | - | - | 0.3 / 0.45 | - | - | 0.3 / 0.45 |
| Frequency converter Speed control** motor output kW | 1.1 | 1.5 | 3.0 | 3.0 | 1.1 | 1.5 | 0.08 | - |
| Rollers which can be cooled and heated up to 60°C | standard | standard | standard | standard | standard | optional | - | optional (for steel rollers only) |
| Solvent dispenser | standard | standard | standard | standard | optional | optional | - | optional |
| Explosion protection | - | - | - | - | optional | optional | - | optional |
| Dimensions mm (width x depth x height, with scraper system and hopper) | 720 x 550 x 550 | 820**** x 650 x 740 | 870**** x 950 x 1320 | 1070**** x 950 x 1320 | 610 x 550 x 550 | 1000 x 650 x 670 | 320 x 280 x 320 | 650 x 550 x 530 |
| Weight kg | ca. 70 | ca. 250 | ca. 320 | ca. 390 | ca. 70 | ca. 180 | ca. 12 | ca. 70 |
| Power supply*** | 3 x 400 V/50 Hz | 3 x 400 V/50 Hz | 3 x 400 V/50 Hz | 3 x 400 V/50 Hz | 3 x 400 V/50 Hz | 3 x 400 V/50 Hz 1 x 230 V/50 Hz with electronic speed control | 1 x 230 V/50 Hz | 3 x 400 V/50 Hz |

*average, depending on the product; **to process highly viscous products; ***special voltage available; ****with pressure cooling system 160 mm more

Subject to technical alterations.