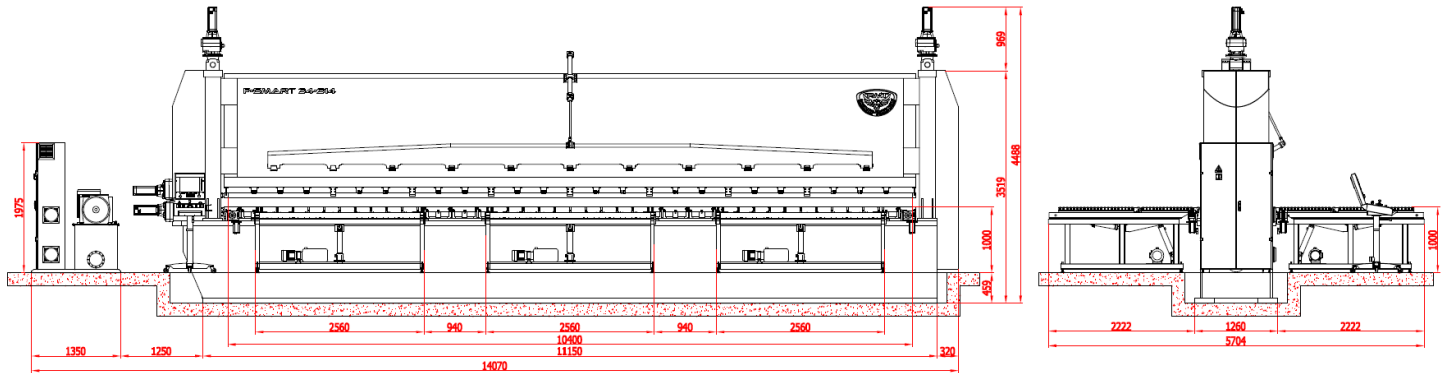


# F-SMART 34-314



| TYPE                                |        | F-SMART 34-314                      |
|-------------------------------------|--------|-------------------------------------|
| Number of rolls                     | Pcs.   | 3                                   |
| Roll Length                         | mm     | 10400                               |
| Aluminum 5754-H22 Capacities        | mm     | 6                                   |
| Aluminum 6061-T6 Capacities         | mm     | 5                                   |
| Aluminum 2024-T3 Capacities         | mm     | 4                                   |
| Titanium 6242 Capacities            | mm     | 2,5                                 |
| Top roll diameter                   | mm     | 80 (Optional 60)                    |
| Bottom roll diameter                | mm     | 80                                  |
| Length                              | mm     | 14070                               |
| Width                               | mm     | 1560 ( 5704 with tables )           |
| Height                              | mm     | 4488                                |
| Weight approx. (Basic Machine)      | Kg     | ~ 47000                             |
| Total installed power               | kW     | 45                                  |
| Working height                      | mm     | 1000 (in the pit)                   |
| Max. pass through                   | mm     | 300                                 |
| Center distance of the bottom rolls | mm     | 110-250                             |
| Max. slope of the bottom rolls      | mm     | 160                                 |
| Top roll bending force              | kN     | 960                                 |
| Top roll speed fast                 | mm/min | 500                                 |
| Top roll speed slow                 | mm/min | 0-120                               |
| Hydraulic tank capacity             | lt     | 250 (ISO HV46)                      |
| Rolling speed                       | mm/min | 800~3000 Proportional Speed         |
| Power supply                        |        | 400V / 3 Phase / 50 Hz (Or request) |



Fiber Lasers



Press Brakes



Shears



Ironworkers



Bandsaws



Plate Rolls



Angle Rolls



Dishing Presses



Flanging Machines



Drilling Machines

|                                 |   |
|---------------------------------|---|
| Feeding rolls                   | 3 roll drive  |
| Rolls housing                   | Sealed roller bearings  |
| Rolls material                  | Surface induction hardened, grinded and chromed<br>HRC 52-58 (1,5 - 2 mm deepness)<br>high tensile forged steel 42CRMO4, EN 10083-1 |
| Rolls positioning               | Proportional speed servo synchronous  |
| Arrangement of the bottom rolls | Symmetrical   |
| Rolls calibration               | Automatic   |
| Control unit                    | ESA Automation  |
| Conical bending                 | Standard by manual  |
| Lubrication                     | Automatic with air supply   |
| Safety                          | 2 Emergency stop buttons, safety wire around the machine  |

- \* All data given according to 240 N/mm<sup>2</sup> yield point.
- \* The indicated capacities are based to a top roll dia. of 80 mm.
- \* The capacities are reduced by 30 % when at a dia. of 60 mm.

### STANDARD EQUIPMENT

- NC Control Unit
- Conical bending
- Induction hardened rolls
- Ground and Chromed rolls
- Stress relieved steel construction body
- High tensile forged steel rolls
- Sealed roller bearings
- 3 roll drive system
- Electronic synchronized rolls
- Overload protection
- Safety wire around the machine
- Automatic centralized lubrication system
- Oil cooling
- Separate power unit
- User manual
- CE

### OPTIONAL EQUIPMENT

- Hydraulic side supports with double joint
- NC included side supports
- Oil heating
- Loading, unloading systems



Fiber Lasers



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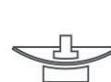
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