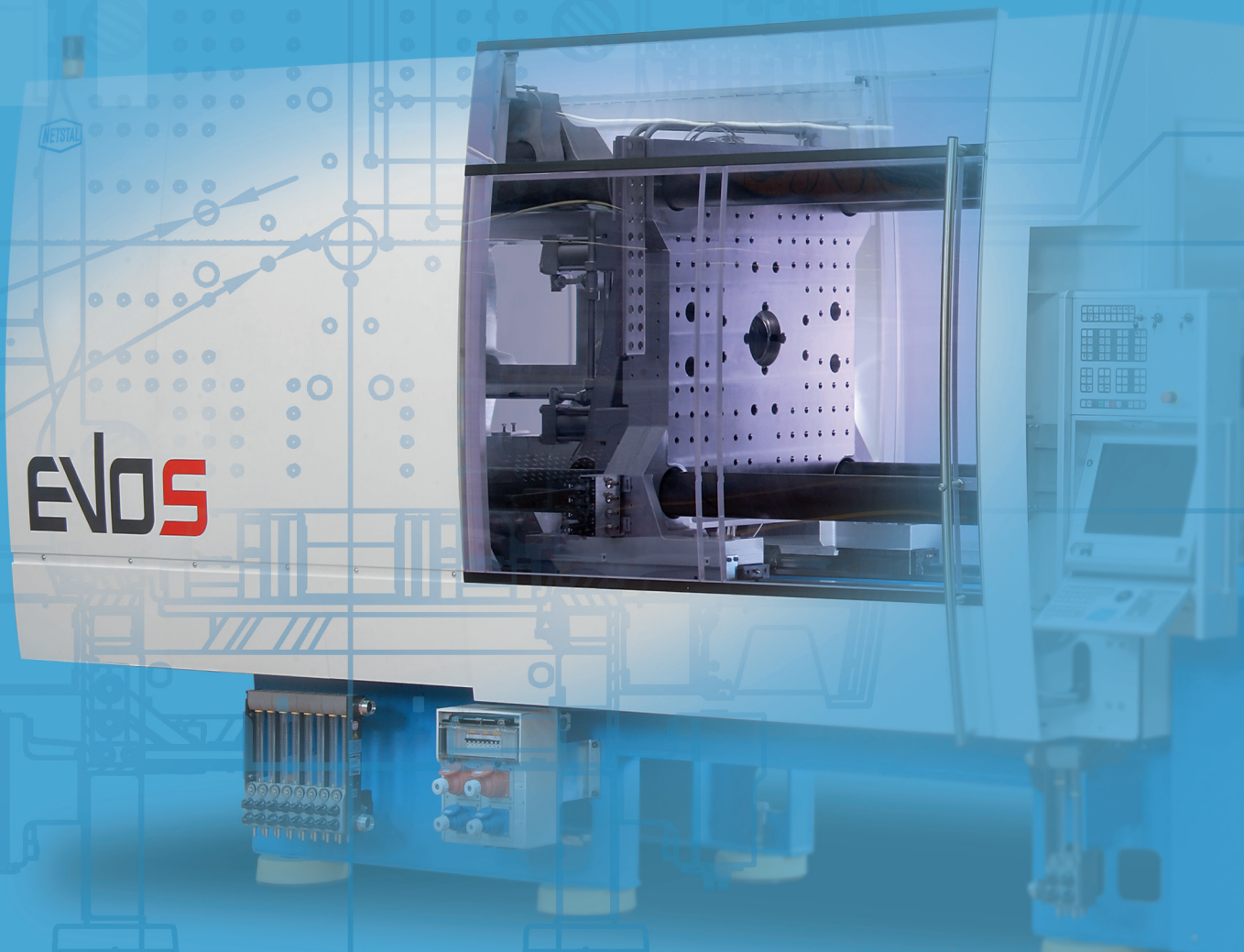


EVOS

Technische Daten Technical data

EVOS | 5000



SWISS MADE

Packaging - Processing

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| Maschinentyp | EVOS 5000 | | | | | | | | EVOS 5000 | | | | | | | | Machine type | |
|--|----------------|------|------|------|------------|------|------|------|------------|------|------|------|------------|------|------|------|----------------------|----------------------------------|
| Internationale Grösse | 5000-2000 | | | | 5000-2900 | | | | 5000-4200 | | | | 5000-6000 | | | | International size | |
| Schliesseinheit | Clamping Unit | | | | | | | | | | | | | | | | | |
| Schliesskraft nominal | 5000 | | | | 5000 | | | | 5000 | | | | 5000 | | | | kN | Clamping force nominal |
| Einbauhöhe I | 600 - 1050 | | | | 600 - 1050 | | | | 600 - 1050 | | | | 600 - 1050 | | | | mm | Mould height I |
| Einbauhöhe II | 900 - 1350 | | | | 900 - 1350 | | | | 900 - 1350 | | | | 900 - 1350 | | | | mm | Mould height II |
| Öffnungshub | 901 | | | | 901 | | | | 901 | | | | 901 | | | | mm | Opening stroke |
| Öffnungskraft | 1203 | | | | 1203 | | | | 1203 | | | | 1203 | | | | kN | Opening force |
| Säulenabstand (h x v) | 1020 x 920 | | | | 1020 x 920 | | | | 1020 x 920 | | | | 1020 x 920 | | | | mm | Distance between tiebars (h x v) |
| Max. Werkzeuggewicht | 12100 | | | | 12100 | | | | 12100 | | | | 12100 | | | | kg | Max. mould weight |
| Max. Werkzeuggewicht bewegliche Formplatte | 7300 | | | | 7300 | | | | 7300 | | | | 7300 | | | | kg | Max. mould weight moving platen |
| Trockenzyklus | 2,2 | | | | 2,2 | | | | 2,2 | | | | 2,2 | | | | sec | Dry cycle |
| Ausstosser | Ejector | | | | | | | | | | | | | | | | | |
| Ausstosserhub | 270 | | | | 270 | | | | 270 | | | | 270 | | | | mm | Ejector stroke |
| Ausstosserkraft „Standard“ | 123 | | | | 123 | | | | 123 | | | | 123 | | | | kN | Ejector force „Standard“ |
| Rückzugskraft „Standard“ | 75 | | | | 75 | | | | 75 | | | | 75 | | | | kN | Retraction force „Standard“ |
| Ausstosserkraft „High Force 1“ | 165 | | | | 165 | | | | 165 | | | | 165 | | | | kN | Ejector force „High force 1“ |
| Rückzugskraft „High Force 1“ | 100 | | | | 100 | | | | 100 | | | | 100 | | | | kN | Retraction force „High force 1“ |
| Ausstosserkraft „High Force 2“ | 192 | | | | 192 | | | | 192 | | | | 192 | | | | kN | Ejector force „High force 2“ |
| Rückzugskraft „High Force 2“ | 116 | | | | 116 | | | | 116 | | | | 116 | | | | kN | Retraction force „High force 2“ |
| Ausstosserkraft „Booster“ | 98 | | | | 98 | | | | 98 | | | | 98 | | | | kN | Ejector force „Booster“ |
| Spritzeinheit | Injection unit | | | | | | | | | | | | | | | | | |
| Schneckenhub | 248 | | | | 280 | | | | 320 | | | | 360 | | | | mm | Screw stroke |
| Schneckendurchmesser | 55 | 62 | 70 | 80 | 62 | 70 | 80 | 90 | 70 | 80 | 90 | 100 | 80 | 90 | 100 | 110 | mm | Screw diameter |
| Massedruck | 3402 | 2677 | 2100 | 1608 | 3496 | 2743 | 2100 | 1659 | 3471 | 2658 | 2100 | 1701 | 3281 | 2593 | 2100 | 1736 | bar | Injection pressure |
| Druckbegrenzungen | 2400 | 2400 | | | 2400 | 2400 | | | 2400 | 2400 | | | 2400 | 2400 | | | bar | Pressure limitation |
| Max. Hubvolumen | 475 | 603 | 954 | 1246 | 748 | 1077 | 1407 | 1780 | 1077 | 1608 | 2035 | 2512 | 1608 | 2289 | 2827 | 3421 | cm ³ | Max. cylinder volume |
| Max. Schussgewicht (PS) | 456 | 718 | 915 | 1195 | 811 | 1033 | 1349 | 1708 | 1078 | 1542 | 1952 | 2410 | 1543 | 2196 | 2712 | 3282 | g | Max. Shot weight (PS) |
| Einspritzstrom | 2257 | 2868 | 3656 | 4775 | 2566 | 3271 | 4273 | 5407 | 2694 | 3519 | 4453 | 5498 | 3519 | 4453 | 5498 | 6652 | cm ³ /sec | Injection rate |
| Max. Einspritzgeschwindigkeit | 950 | 950 | 950 | 950 | 850 | 850 | 850 | 850 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | mm/s | Max. injection velocity |
| Max. Drehzahl „Speed“ | 570 | | | | 420 | | | | 366 | | | | 370 | | | | min ⁻¹ | Max. screw speed „Speed“ |
| Max. Drehmoment „Speed“ | 900 | | | | 2250 | | | | 3700 | | | | 4600 | | | | Nm | Max. screw torque „Speed“ |
| Max. Drehzahl „Master“ | 525 | | | | 420 | | | | 380 | | | | 340 | | | | min ⁻¹ | Max. screw speed „Master“ |
| Max. Drehmoment „Master“ | 1800 | | | | 3200 | | | | 4500 | | | | 5700 | | | | Nm | Max. screw torque „Master“ |
| Schnecken-Verhältnis L/D | 22,7 | 25,0 | 22,7 | 20,1 | 26,5 | 25,0 | 22,7 | 20,1 | 27,1 | 27,0 | 24,0 | 21,6 | 27,1 | 27,0 | 24,0 | 21,6 | x/1 | Screw ratio L/D |
| Düsenanpresskraft | 88 | | | | 119 | | | | 119 | | | | 119 | | | | kN | Nozzle contact force |
| Düsenabhebehub | 595 | | | | 680 | | | | 680 | | | | 720 | | | | mm | Nozzle movement stroke |
| Heizleistung | 37,8 | | | | 47,3 | | | | 52 | | | | 74 | | | | kW | Heating capacity |
| Antrieb | Drive | | | | | | | | | | | | | | | | | |
| Antriebsleistung | 75 | 90 | 110 | 132 | 75 | 90 | 110 | 132 | 75 | 90 | 110 | 132 | 75 | 90 | 110 | 132 | kW | Drive power |
| Kühlerleistung | 60 | 72 | 88 | 105 | 60 | 72 | 88 | 105 | 60 | 72 | 88 | 105 | 60 | 72 | 88 | 105 | kW | Cooler capacity |
| Betriebsdruck | 250 | | | | 250 | | | | 250 | | | | 250 | | | | bar | Operating pressure |
| Ölfüllung | 450 | 450 | 660 | 660 | 450 | 450 | 660 | 660 | 450 | 450 | 660 | 660 | 450 | 450 | 660 | 660 | l | Oil tank capacity |
| Maschine | Machine | | | | | | | | | | | | | | | | | |
| Länge | 8,95 | | | | 9,41 | | | | 9,69 | | | | 10,39 | | | | m | Length |
| Breite | 2,69 | | | | 2,69 | | | | 2,69 | | | | 2,69 | | | | m | Width |
| Höhe | 2,58 | | | | 2,58 | | | | 2,58 | | | | 2,58 | | | | m | Height |
| Gewicht | 26000 | | | | 27500 | | | | 28500 | | | | 30500 | | | | kg | Net weight |

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