

# ENGEL

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Injection molding machine up to 1000 KN  
 ENGEL  
 VC 330/80 Tech  
 No. 1772 , year 2003  
 screw size 40 mm  
 injection shot weight in polystyrene 181 g/PS  
 clamping force 800 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 500/120 TECH  
 No. 1814 , year 2008  
 screw size 40 mm  
 injection shot weight in polystyrene 226 g/PS  
 clamping force 1.200 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 ES 2550/400 HL  
 No. 1741 , year 2009  
 screw size 80 mm  
 injection shot weight in PS 1.402 g/PS  
 clamping force 4.000 kN



Injection molding machine up to 1000 KN  
 ENGEL  
 ES 500/100 HL-ST  
 No. 1755 , year 1995  
 screw size 40 mm  
 injection shot weight in PS 226 g/PS  
 clamping force 1.000 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 750/150 TECH  
 No. 1811 , year 2005  
 screw size 50 mm  
 injection shot weight in polystyrene 360 g/PS  
 clamping force 1.500 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 500/120 Tech + ERC 13 F  
 No. 1793 , year 2006  
 screw size 35 mm  
 injection shot weight in polystyrene 173 g/PS  
 clamping force 1.200 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 500/110 TECH  
 No. 1817 , year 2003  
 screw size 40 mm  
 injection shot weight in polystyrene 226 g/PS  
 clamping force 1.100 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 ES 1350/250 HL  
 No. 1828 , year 1997  
 screw size 60 mm  
 injection shot weight in polystyrene 662 g/PS  
 clamping force 2.500 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 ES 1350/250 HL  
 No. 1826 , year 1995  
 screw size 60 mm  
 injection shot weight in polystyrene 662 g/PS  
 clamping force 2.500 kN

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Injection molding machine up to 5000 KN  
 ENGEL  
 VC 1050/150 POWER + ERC 13 F  
 No. 1808 , year 2006  
 screw size 55 mm  
 injection shot weight in polystyrene 459 g/PS  
 clamping force 1.500 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 1050/300 Tech  
 No. 1780 , year 2006  
 screw size 50 mm  
 injection shot weight in polystyrene 380 g/PS  
 clamping force 3.000 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 2550/400 TECH  
 No. 1810 , year 2005  
 screw size 80 mm  
 injection shot weight in polystyrene 1.433 g/PS  
 clamping force 4.000 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 650/150 Tech  
 No. 1781 , year 2002  
 screw size 45 mm  
 injection shot weight in polystyrene 226 g/PS  
 clamping force 1.500 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 VC 650/220 POWER  
 No. 1791 , year 2004  
 screw size 60 mm  
 injection shot weight in polystyrene 662 g/PS  
 closing pressure 2.200 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 SPEED 280/70  
 No. 1789 , year 2007  
 screw size 70 mm  
 injection shot weight in polystyrene 727 g/PS  
 clamping force 2.800 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 SPEED 280/70  
 No. 1788 , year 2006  
 screw size 70 mm  
 injection shot weight in polystyrene 727 g/PS  
 clamping force 2.800 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 ES 700/200 HL  
 No. 1834 , year 1992  
 screw size 60 mm  
 injection shot weight in polystyrene 662 g/PS  
 clamping force 2.500 kN



Injection molding machine up to 5000 KN  
 ENGEL  
 SPEED 180/55  
 No. 1787 , year 2006  
 screw size 50 mm  
 injection shot weight in polystyrene 292 g/PS  
 clamping force 1.800 kN



Multi color injection molding machine  
 ENGEL  
 ES 500H/330L/200 HL  
 No. 1832 , year 1997  
 screw size 45 / 35 mm  
 clamping force 2.000 kN  
 \*\*\*\*\* Control \*\*\*\*\*



Multi color injection molding machine  
 ENGEL  
 ES 500H/330L/200 HL-2F  
 No. 1635 , year 1996  
 screw size 45 / 35 mm  
 injection shot weight in PS 286 / 173 g/PS  
 clamping force 2.000 kN



Multi color injection molding machine  
 ENGEL  
 ES 200H/200V/80 HL - 2F  
 No. 1385 , year 1993  
 screw size 35 / 30 mm  
 injection shot weight in PS 120 / 88 g/PS  
 closing pressure 800 kN



Multi color injection molding machine  
 ENGEL  
 ES 650H/500V/200 HL - 2F  
 No. 1456 , year 1997  
 screw size 45 / 45 mm  
 injection shot weight in PS 286 / 286 g/PS  
 clamping force 2.000 kN



Multi color injection molding machine  
 ENGEL  
 ES 750H/330L/275 HL-2F  
 No. 1830 , year 2000  
 screw size 50/45 mm  
 injection shot weight in polystyrene 286 / 250 g/PS  
 clamping force 2.750 kN



Injection molding machine - vertical  
 ENGEL  
 ES 700H/185 V SO-TR  
 No. 1819 , year 1992  
 screw size 50 mm  
 injection shot weight in polystyrene 353 g/PS  
 clamping force 1.850 kN



Multi color injection molding machine  
 ENGEL  
 VC 200H/200V/80 Combi  
 No. 1684 , year 2002  
 screw size 25 / 25 mm  
 injection shot weight in PS 62 / 62 g/PS  
 clamping force 800 kN



Multi color injection molding machine  
 ENGEL  
 ES 330H/200V/80 HL 2-F  
 No. 1518 , year 1996  
 screw size 40 / 30 mm  
 injection shot weight in PS 181 / 90 g/PS  
 clamping force 900 kN



Injection molding machine - vertical  
 ENGEL  
 ES 80V/50 VT HL  
 No. 1233 , year 1999  
 screw size 22 mm  
 injection shot weight in PS 35 g/PS  
 clamping force 500 kN



Injection molding machine - vertical  
 ENGEL  
 ES 80V/50 VT HL  
 No. 0996 , year 1999  
 screw size 22 mm  
 injection shot weight in polystyrene 35 g/PS  
 clamping force 500 kN



Injection molding machines - full elect.  
 ENGEL  
 e-max 200/100  
 No. 1786 , year 2007  
 screw size 25 mm  
 injection shot weight in polystyrene 53 g/PS  
 clamping force 1.000 kN



Linear robots  
 ENGEL  
 ERC 23/1-CH STAND ALONE  
 No. 1543 , year 1996  
 X-axis demoulding stroke 650 mm  
 Y-axis vertical stroke 800 mm  
 Z-axis cross stroke 1.640 mm



Rubber injection molding machine  
 ENGEL  
 ES 1350/250 H  
 No. 1373 , year 1996  
 screw size 70 mm  
 clamping force 2.500 kN



Injection molding machines - full elect.  
 ENGEL  
 e-motion 740/180 T  
 No. 1785 , year 2007  
 screw size 55 mm  
 injection shot weight in polystyrene 428 g/PS  
 clamping force 1.800 kN



Linear robots  
 ENGEL  
 ERC 53/1-C  
 No. 1621 , year 1996  
 X-axis demoulding stroke 650 mm  
 Y-axis vertical stroke 1.300 mm  
 Z-axis cross stroke 3.320 mm



Injection molding machines - full elect.  
 ENGEL  
 e-max 310/100  
 No. 1815 , year 2008  
 screw size 35 mm  
 injection shot weight in polystyrene 142 g/PS  
 clamping force 1.000 kN



Linear robots  
 ENGEL  
 ERC 43/1-E  
 No. 1831 , year 2000  
 X-axis demoulding stroke 500 mm  
 Y-axis vertical stroke 800 mm  
 Z-axis cross stroke 1.880 mm



Linear robots  
 ENGEL  
 ERC 33/1-S  
 No. 1532 , year 1996  
 X-axis demoulding stroke 400 mm  
 Y-axis vertical stroke 800 mm  
 Z-axis cross stroke 2.360 mm



Linear robots  
 ENGEL  
 ERC 53/1-CL  
 No. 1395 , year 1998  
 X-axis demoulding stroke 650 mm  
 Y-axis vertical stroke 1.300 mm  
 Z-axis cross stroke 2.600 mm



Linear robots  
 ENGEL  
 ERC 63/2-C  
 No. 1353 , year 1999  
 X-axis demoulding stroke 1.300 mm  
 Y-axis vertical stroke 1.300 mm  
 Z-axis cross stroke 2.640 mm



Temperature control unit  
 KLOECKNER  
 T10 EW 9,0 ER/ET  
 No. 1643 , year 1991  
 operating temperature max. 90 °C  
 heating capacity 9 kW  
 circulating medium Wasser



Linear robots  
 ENGEL  
 ERC 43/2-C  
 No. 1352 , year 1999  
 X-axis demoulding stroke 500 mm  
 Y-axis vertical stroke 1.000 mm  
 Z-axis cross stroke 1.800 mm



Linear robots  
 ENGEL  
 ERC 43/1-E  
 No. 1782 , year 2002  
 X-axis demoulding stroke 500 mm  
 Y-axis vertical stroke 800 mm  
 Z-axis cross stroke 1.280 mm



Refrigeration machine  
 KKT KRAUS  
 KLB S76-T  
 No. 1035 , year 2000  
 cooling capacity 58,5 kW  
 power capacity kW  
 method of construction compact



Linear robots  
 NORTEC  
 AEA-SIL 400  
 No. 1519 , year 2005  
 vertical stroke Y pneumatic 400 mm  
 demoulding stroke 80 mm



Temperature control unit  
 KLOECKNER  
 T10 EW 9,0 ER/ET  
 No. 1642 , year 1991  
 operating temperature max. 90 °C  
 heating capacity 9 kW  
 circulating medium Wasser



Granulator  
 FRANZ MUELLER  
 SM 82  
 No. 1759 , year 1997  
 engine output 0,75 kW  
 grinding chamber dimensions mm  
 total power requirement 0,75 kW



Granulator  
FRANZ MUELLER  
SM 82  
No. 1760 , year 1997  
engine output 0,75 kW  
ginding chamber dimensions mm  
total power requirement 0,75 kW



Granulator  
MODITEC  
Goliath GT9S  
No. 1775 , year 1999  
engine output 2 x 1,8 kW  
Feeding opening 640 x 510 mm  
ginding chamber dimensions 504 x 457 mm



Granulator  
FRANZ MUELLER  
SM 210  
No. 1758 , year 1998  
engine output 5 kW  
Feeding opening 330 x 210 mm  
ginding chamber dimensions 230 x 210 mm



Granulator  
MODITEC  
Goliath GT 9S  
No. 1777 , year 2000  
engine output 2 x 1,8 kW  
Feeding opening 640 x 510 mm  
ginding chamber dimensions 504 x 457 mm



Granulator  
MODITEC  
GPlus 2  
No. 1738 , year 2008  
engine output 1,8 kW  
ginding chamber dimensions 229x265 mm  
Dimensions (HxWxD) 1156x485x1240 mm



Granulator  
CONTINATOR  
MGK 250/175 L  
No. 1324 , year 2004  
engine output 2,2 kW  
Feeding opening mm  
ginding chamber dimensions 250x175 mm



Granulator  
MODITEC  
Goliath GT9S  
No. 1776 , year 1998  
engine output 2 x 1,8 kW  
Feeding opening 640 x 510 mm  
ginding chamber dimensions 504 x 457 mm



Granulator  
MODITEC  
GPlus 4  
No. 1461 , year 2008  
engine output 2,2 kW  
ginding chamber dimensions 228x453 mm  
Dimensions (HxWxD) 1510x485x1656 mm



Granulator  
MODITEC  
Mini Goliath 2  
No. 1464 , year 2008  
engine output 1,8 kW  
ginding chamber dimensions 134x176 mm  
range L-W-H 400 x 245 x 580 mm



Granulator  
MODITEC  
GPlus 3  
No. 1463 , year 2008  
engine output 1,8 kW  
ginding chamber dimensions 229x359 mm  
Dimensions (HxWxD) 1250x588x1330 mm



horizontal conveyor  
NORTEC  
Horizontalfoerderband  
No. 1406 , year 1999  
Belt length 1.120 mm  
Belt width 250 mm  
power 380 V / Hz.



screw and barrel complete  
ENGEL  
Schnecke + Zylinder, komplett  
No. 90625 , year 2006  
screw size 40 mm  
max. injection capacity 192 cm<sup>3</sup>  
injection unit 500



horizontal conveyor  
TEC  
II 12 6  
No. 1607 , year 1999  
Belt length 1915 mm  
Belt width 305 mm  
power 230/50 V / Hz.



horizontal conveyor  
NORTEC  
Horizontalfoerderband  
No. 1405 , year 1999  
Belt length 3.000 mm  
Belt width 500 mm  
power 380 V / Hz.



screw and barrel complete  
ENGEL  
Spritzaggregat ES 80/...  
No. 92019 , year 1990  
screw size 22 mm  
max. injection capacity 38 cm<sup>3</sup>  
injection unit 80



horizontal conveyor  
NORTEC  
Horizontalfoerderband  
No. 1763 , year 1997  
Belt length 4.000 mm  
Belt width 500 mm  
power 400 / 50 V / Hz.



horizontal to incline conveyor  
ENGEL  
Foerderband WFB 60  
No. 1632 , year 2008  
Belt length 1300/1050 mm  
Belt width 600 mm  
power 3 x 400 V / 50 Hz



screw and barrel complete  
ENGEL  
HTV Stopfwerk 3.000 cm<sup>3</sup>  
No. 92012 , year 2005  
screw size 18 mm  
max. injection capacity 25 cm<sup>3</sup>  
injection unit 80



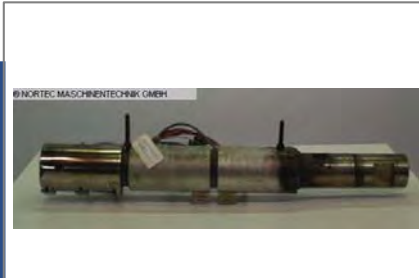
screw and barrel complete  
 ENGEL  
 Spritzaggregat ES 330/...  
 No. 92018 , year 1998

screw size	45 mm
max. injection capacity	318 cm <sup>3</sup>
injection unit	330



screw and barrel complete  
 ENGEL  
 Spritzaggregat ES 330/...  
 No. 92007 , year 1997

screw size	25 mm
max. injection capacity	69 cm <sup>3</sup>
injection unit	330



barrel  
 ENGEL  
 Massezylinder  
 No. 90601 , year 1995

Masszylinder	30 Ø mm
max. injection capacity	113 cm <sup>3</sup>
injection unit	330



screw and barrel complete  
 ENGEL  
 Zylinder M1 / Schnecke S1  
 No. 90106 , year gebrauch

screw size	45 mm
max. injection capacity	318 cm <sup>3</sup>
injection unit	600



screw and barrel complete  
 ENGEL  
 Schnecke + Zylinder  
 No. 90612 , year gebrauch

screw size	70 mm
max. injection capacity	1000 cm <sup>3</sup>
injection unit	1300



Gas- / Water Assisted Systems  
 MAXIMATOR  
 GID-Anlage  
 No. 1451 , year 1996

operating pressure	700 bar
intake pressure max.	700 bar
intake pressure min.	15 bar



screw and barrel complete  
 ENGEL  
 Spritzaggregat ES 650/..  
 No. 92014 , year gebrauch

screw size	40 mm
max. injection capacity	251 cm <sup>3</sup>
injection unit	650



screw and barrel complete  
 ENGEL  
 Spritzaggregat ES 330/..  
 No. 92015 , year gebrauch

screw size	30 mm
max. injection capacity	113 cm <sup>3</sup>
injection unit	330



Compressor and compressed air treatment  
 ECOAIR  
 ECOAIR C 50-10-SS  
 No. 1743 , year 1989

volume capacity	4,95 m <sup>3</sup> /min
compressor pressure	10 bar
Motor output	37 kW