

Technical Data



Optimus

Primus

Multipower

lengths of machine	3340 - 4340 mm	4800 - 10000 mm	4000 - 18000 mm
film widths *)	320, 355, 400, 420	320, 355, 400, 420, 460	300 - 640
bottom film, semi-rigid and flexible	max. 500 my, 320 mm ø 3" Core	max. 800 my, 400 mm ø 3"/6" Core	max. 1000 my, 500 mm ø 3"/6" Core
top film	320 mm ø 3" Core	320 mm ø 3"/6" Core	400 mm ø 3"/6 " Core
max. stroke	320 mm	600 mm	800
max. forming depth	120 mm	120 mm	200 mm
film advance by servo drive	fully adjustable (frequency controlled)	fully adjustable	fully adjustable
microprocessor control	Siemens S 7	Siemens S7	Siemens S 7
vacuum system	high performance valves	high performance valves	high performance valves
vacuum pump	Busch	Busch	Busch
O2 security device	security valve	security valve	security valve
pneumatics	Festo	Festo	Festo
cooling, possible by	integrated cooling system	integrated cooling system	integrated cooling system
voltage	3 x 230/400 V/N/PE, 50/60 Hz	3 x 230/400 V/N/PE, 50/60 Hz	3 x 400 V/N/PE, 50/60 Hz
compressed air required	6 bar	6 bar	6 bar

inclusive, no extra cost, for

top film joining station	✓	✓	✓
sealing seam coding	✓	✓	✓
cleaning program	✓	✓	✓

optional features

preheating (with/witout lid)	—	●	●
forming via plug support	—	●	●
auto. lubrication of transp. chain	—	●	●
central lubrication for lifting systems	—	●	●
double top film bobbins	—	—	●
jumbo roll up to 1000 mm	—	●	●
liquid separator	●	●	●
vibration station	●	●	●
data transfer via Ethernet	●	●	●
remote maintenance	●	●	●

special die changing systems

for forming dies, auto. and semi-auto.	—	—	●
for top sealing die, auto. and semi-auto.	—	—	●
for complete sealing plate, (manually)	—	—	●

cutting systems

compound form punch	—	●	●
contour cutter	—	●	●
roll shear cut	—	—	●
strip punch	—	●	●
combi punch	●	●	●
middle strip cut	●	●	●

Spec. Applications

shrink packages	●	●	●
Skin packages	●	●	●
MLP (Multi-layer packages)	—	●	●
packages with hot steam flushing	●	●	●