

Technical data

A deep dive into the numbers for specialists and PET experts.



Dati tecnici

Un tuffo nei numeri, per la felicità di specialisti ed esperti di PET.



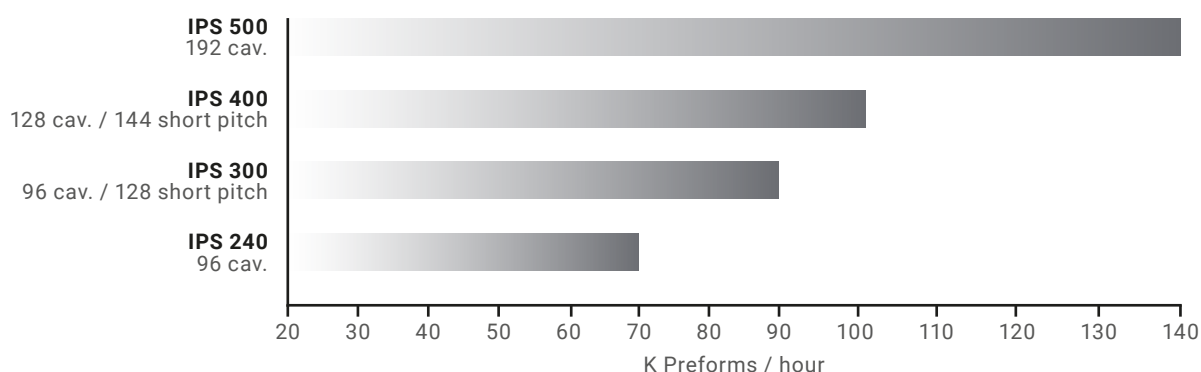
IPS - MOLD MATRIX

MACHINE	CAVITIES	MAX NECK SIZE (mm)	CAVITY PITCH (v x h)
IPS240	16	48	80x180
	24	43	TBD
	32	38	60x152
	48	38	60x152
	48	30	50x140
	72	30	50x120
	96	29	50x110
IPS300	32	48	TBD
	48	43	63,5x160
	72	38	60x140
	72	30	50x155
	72	30	50x140
	96	30	50x120
	128	26	45x111
IPS400	32	48	TBD
	48	48	TBD
	72	43	TBD
	96	38	60x140
	96	30	50x155
	96	30	50x140
	128	30	50x120
	144	26	45x111
IPS500	48	48	85x180
	72	48	75x170
	96	43	63.5x160
	128	38	60x140
	144	30	50x140
	160	30	50x120
	192	29	TBD

COMBINATIONS OF INJECTION UNITS AND IPS MODELS

SHOT WEIGHT (g)	SCREW Ø (mm)	IPS240	IPS300	IPS400	IPS500
3240	100	✓	✓	✓	
3240	110	✓	✓	✓	
4320	120	✓	✓	✓	✓
4320	130	✓	✓	✓	✓
5760	140	✓	✓	✓	✓
5760	150	✓	✓	✓	✓
7860	160			✓	✓

IPS SYSTEMS PRODUCTIVITY



IPS RANGE TECHNICAL DATA

DIMENSIONS	IPS240A	IPS300B	IPS400D	IPS500A
GENERAL				
Overall length (mm)	9950	11150	14625	16430
Overall width (mm)	4050	4450	6645	7345
Mould weight (kg)	2550-3350	5500	5600-6300	5600-8800
Press weight (kg)	34600	42000	49300	51500
Oil tank capacity (l)	600	1350	800	800
CLAMPING UNIT				
Clamp force (kN)	2200	3000	4000	5000
Tiebar spacing HxV (mm)	720x718	1090x810	1130x937	1022x1120
Max mould height regulation (mm)	740	800	800	1280
Min mould height regulation (mm)	508	565	590	580
Max ejector stroke (mm)	190	190	190	190
Lock to lock (s), depending on preform and mold	1,75	1,80	1,90	2,00

INJECTION UNIT

Shot weight (g)	3240	3240/110	4320	4320/130	5760	5760/150	7860
Screw Ø (mm)	100	110	120	130	140	150	160
Max output (kg/h)	625	750	900	1035	1110	1290	1480
Max injection volume (cm³)	3119	3119	4156	4156	5655	5655	7860
Max pet injection pressure (bar)	1064	1064	1361	1361	1707	1707	1707

