

TECHNE®



ADVT-750

full electric linear extrusion
blow-moulding machine

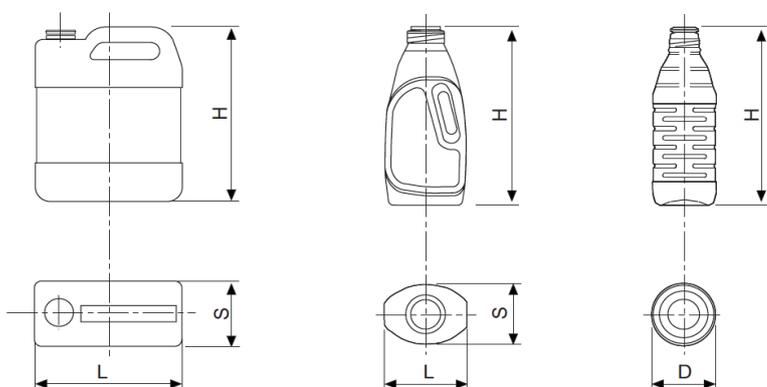
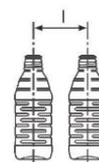


ADVT2-750 is a full electric-mechatronic linear machine, which combines TECHNE experience with the most advanced technologic solutions on the market. With its single and double shuttle configurations, it is flexible and perfectly suitable for the end users and converters who look for a machine with small to medium production capacities and adaptability in terms of production. Its 750 mm stroke allows to produce containers from 60 ml (neck to neck) in 10+10 cavities to 20 L in 1+1 cavity, up to 3 layers.

ADVT has been designed focusing on three main concepts: LOW CONSUMPTION, LOW MAINTENANCE, USER FRIENDLY.

The machine has been developed to eliminate some issues that final users face everyday in terms of maintenance and process. The result is a machine with an excellent design which allows a safe and easy access to any area (moulds, carriage, head, extrusion platform, electric cabinet) and a fast extraction of any part which would need to be dismantled (head, shuttle structure) from the front or the side wide doors. Its simple use and intuitive interface make it perfect for operators which are not highly qualified and familiar with full electric machines.

Cavities number	N°	2	3	4	5	6	7	8	9	10
Max c.d. (l)	mm	345	225	165	130	110	95	80	70	65
Max bottle width	mm	310,5	202	148	116,5	98,5	85,5	71,5	62,5	58



Ø	Max bottle diameter	mm	250
S	Max bottle thickness	mm	250
L	Max bottle width	mm	420
H	Max bottle height	mm	450

Extrusion configuration*

Mono

Co-ex 2

Co-ex 3

*extruder type and sizes to be defined according to customer needs in terms of production capacity.

Material processed

LDPE/HDPE

HMWPE

PP

Technical data

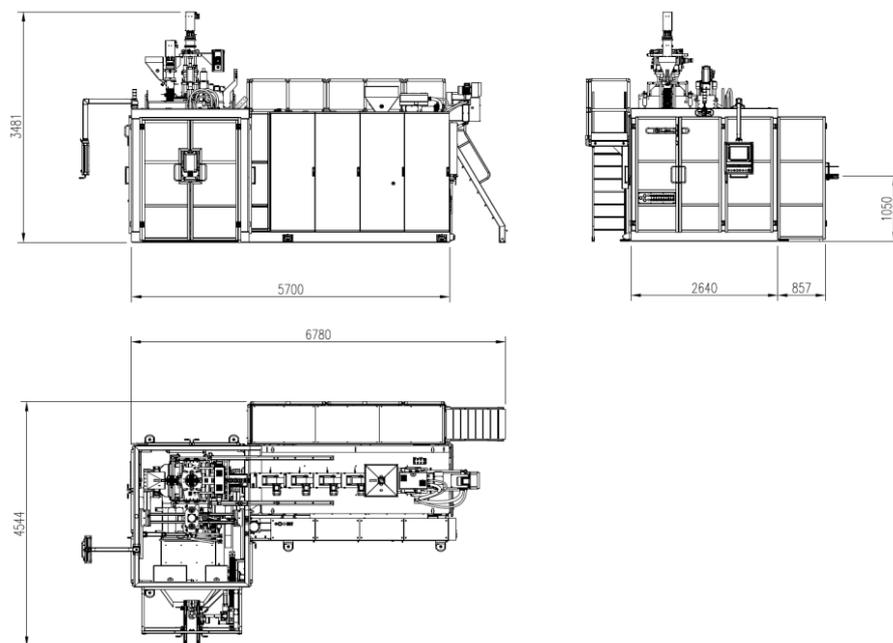
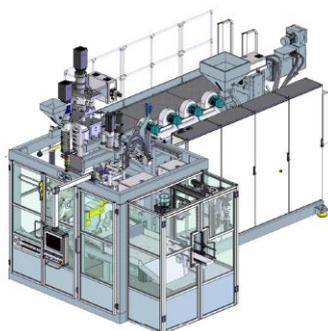
Dry cycle	sec.	2,4
Clamping force	kN	190/220
Stroke	mm	750
Parison control points	unit	400
Electric consumption**	kW/kg	0,27/0,31

**estimate electric consumption in kW per kilo of plastic extruded per hour, monolayer configuration (0,27kW/kg) and 3 layers (0,31 kW/kg).

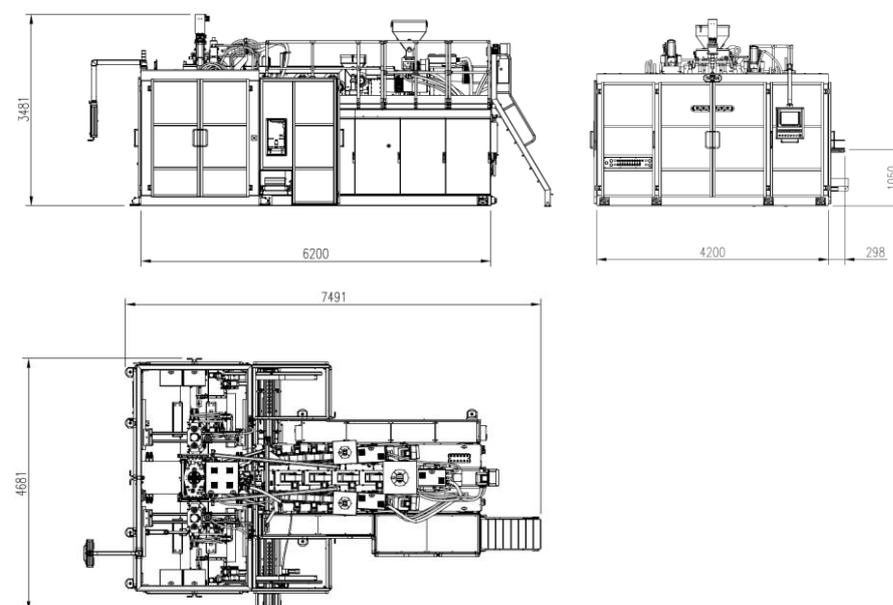
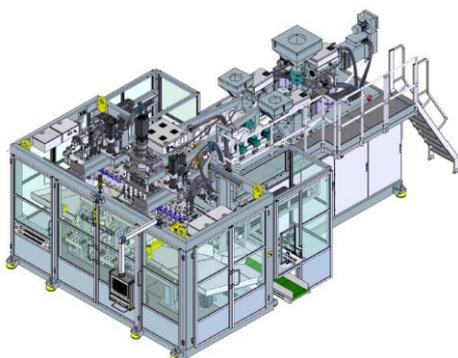
Options / Features

Fast cooling system VELTECH®	Window stripe	In mould labelling (on ADVT1)
Parison antistatic system	Air conditioned electric cabinets	Neck to neck blowing
Pre-pinched cutting system	Dehumidification hood	Inclined neck blowing
Screen changer on extruder	Decomposable mould opening system	TELETECH® remote assistance
Quick mould changing connections	Vacuumed product conveyor	

ADVT1
approximate weight 18 tons



ADVT2
approximate weight 22 tons

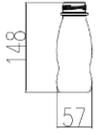
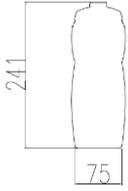
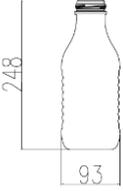
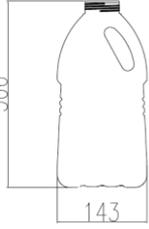
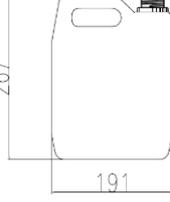
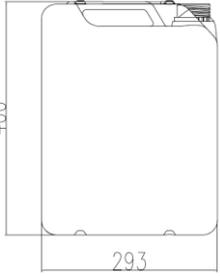


ADVT

shuttle
machine

ADVT1-750 - single shuttle
ADVT2-750 - double shuttle

Production examples:

					
148 57	241 75	248 93	306 143	267 191	400 293
220 ml	700 ml	1.000 ml	2.500 ml	5.000 ml	20.000 ml
net weight 20 g cavity number 10 cycle time 9,5 sec	net weight 42 g cavity number 7 cycle time 10,5 sec	net weight 29 g cavity number 6 cycle time 10 sec	net weight 110 g cavity number 4 cycle time 14 sec	net weight 190 g cavity number 3 cycle time 18 sec	net weight 900 g cavity number 1 cycle time 31 sec
ADVT1-750 : 3.790 ADVT2-750 : 7.580 Neck to neck : x2	ADVT1-750 : 2.400 ADVT2-750 : 4.800	ADVT1-750 : 2.150 ADVT2-750 : 4.300	ADVT1-750 : 1.000 ADVT2-750 : 2.000	ADVT1-750 : 600 ADVT2-750 : 1.200	ADVT1-750 : 115 ADVT2-750 : 230

Note: indicative cycle time, for moulds manufactured by TECHNE - to be verified case by case based on the weight of container produced and the processed raw material.



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