

## extra large



### descrizione dell'applicazione

Da oltre 10 anni SIAPI produce macchine soffiatrici per i grandi formati, come i bocconi per acqua one-way e refillable. La possibilità di riciclare questi contenitori ci spinge a proporre i grandi formati per tutte quelle applicazioni che possono essere convertite dal Policarbonato e dall'HDPE verso il PET.

Le nostre soluzioni, dall'identificazione della preforma alla realizzazione del contenitore, si adattano alle seguenti applicazioni: ACQUA, OLIO ALIMENTARE, PET KEG PER BIRRA, VINO E BIBITE, PRODOTTI CHIMICO-INDUSTRIALI (COMBUSTIBILI, OLIO MINERALE, VERNICI), ALTRO.

### description of application

For over 10 years SIAPI has been producing blow-molding machines for large sizes, such as one-way and refillable water containers. The fact that these containers can be recycled urges us to propose large containers for all those applications that can be converted to PET from polycarbonate and HDPE.

Our solutions, from identification of the preform to making the container, are suitable for the following applications: WATER, COOKING OIL, PET KEGS FOR BEER, WINE AND SOFT DRINKS, CHEMICAL-INDUSTRIAL PRODUCTS (FUEL, MINERAL OIL, PAINT), OTHERS.

## Siapi

### SIAPI offre una soluzione a 360° che comprende:

- sviluppo del disegno del contenitore
- sviluppo del disegno della preforma
- individuazione del produttore di preforme più vicino al sito produttivo del cliente
- sviluppo della soluzione completa sia per il cold che per l'hot filling
- realizzazione della soffiatrice e messa a punto del processo per ottimizzare la capacità produttiva
- progettazione e realizzazione degli stampi di soffiaggio
- assistenza tecnica programmata, straordinaria e fornitura di ricambi
- fornitura di stampi ad iniezione e produzione di campioni di preforme attraverso partner qualificati

Le macchine soffiatrici SIAPI sono completamente elettriche, con motori brushless e tutte possono essere configurate con il sistema di recupero dell'aria di soffiaggio.

### SIAPI offers a 360° solution including:

- container design development
- preform design development
- identification of preform manufacturer nearest to customer's production facilities
- complete solution development for both cold and hot filling
- manufacture of blow-molding machine and set-up to optimize production capacity
- design and construction of blower molds
- routine and extraordinary maintenance and provision of spare parts
- provision of injection molds and production of sample preforms by qualified partners

SIAPI mold-blowing machines are fully electric with brushless motors, and they can all be configured with a blowing-air recovery system.

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# speed, simplicity, shaping

speed



simplicity



shaping



## extra large / S2M-SX

**SIAPI**  
Shaping your projects

[www.siapi.it](http://www.siapi.it)



speed



simplicity



shaping



## BLOW-MOLDING MACHINES AVAILABLE

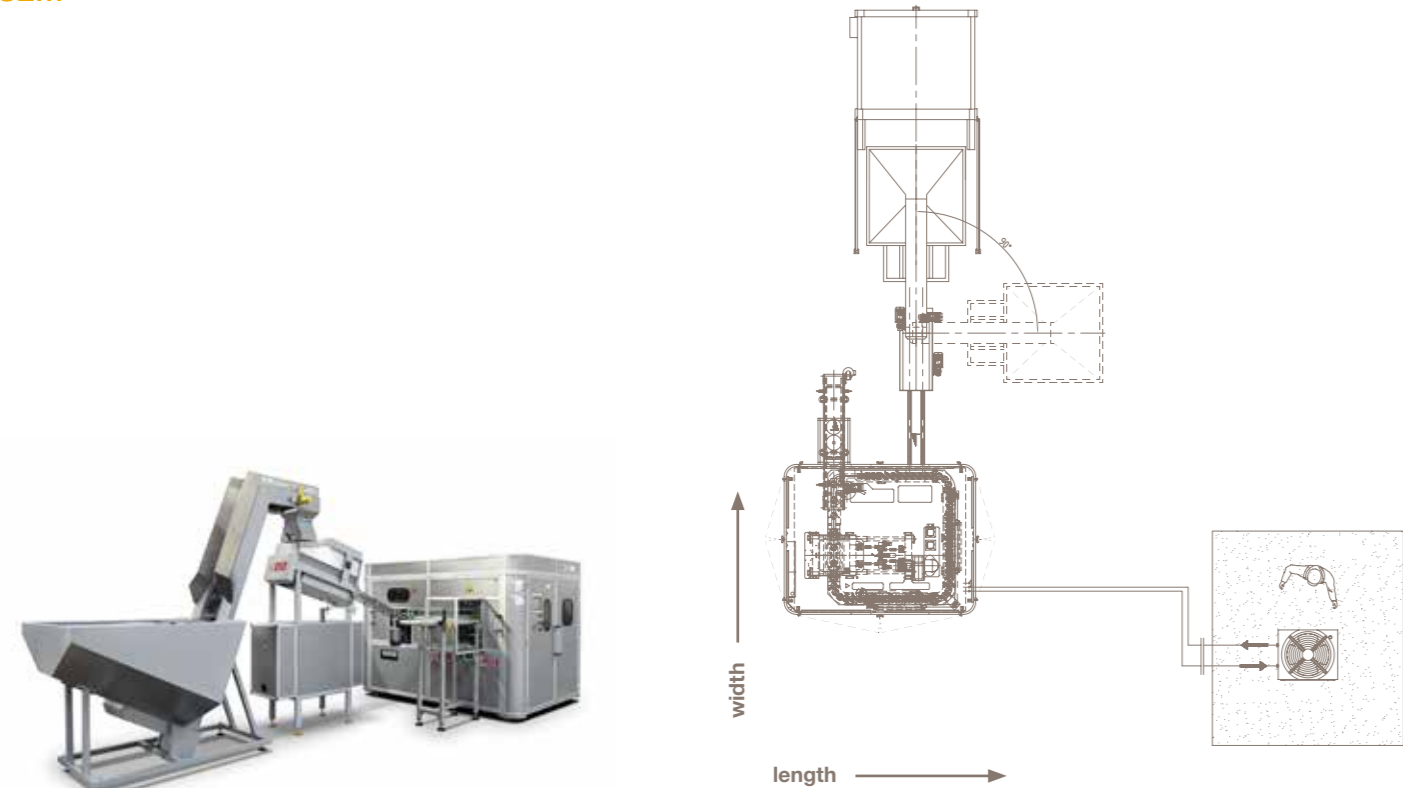
MAIN FEATURES	S2M	SX1	SX1-K	SX2
Number of cavities	2	1	1	2
Bottle capacity	3-12 l	8-40 l	20-40 l	7-30 l
Max body diameter	230 mm	340 mm	340 mm	320 mm
Max body height	470 mm	665 mm	670 mm	510 mm
Max neck diameter	60 mm	75 mm	75 mm	75 mm
Max nominal output 5 l	2500 bph*	700 bph*	-	2200 bph*
Max nominal output 10 l	1800 bph*	600 bph*	-	1600 bph*
Max nominal output 20 l one way	-	600 bph*	-	1100 bph*
Max nominal output 20 l refillable	-	300 bph*	-	600 bph*
Max nominal output 20 l stackable	-	400 bph*	180 bph**	800 bph*
Max nominal output 30 l keg	-	360 bph*	-	-
Max nominal output 40 l keg	-	250 bph*	-	-
Heating power	50 Kw	51 Kw	17 Kw	96 Kw
Total installed power	64 Kw	66 Kw	26 Kw	116 Kw
Length-width-height (mm)	2900-2280-3050	3050-2100-3450	3000-1850-3937	8550-2800-2950
Weight	5850 Kg	5300 Kg	3900 Kg	9000 Kg
Technological Options	PH, HDMPOS, ARSLP, ARSHP, SG, HS, DB	PSB, HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB	PSB, HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB	HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB

\* It depends on the preform design, preform thickness, bottle design and quality of PET resin  
 \*\* 20L keg

### TECHNOLOGICAL OPTIONS

<b>PSB</b>	Preform Stretch Booster	<b>PH</b>	Preferential Heating
<b>HDMPRE</b>	HandleMatic During Blow Molding	<b>SG</b>	Super Grip
<b>HDMPOS</b>	HandleMatic Post Blow Molding	<b>NO</b>	Neck Orientation
<b>ARSLP</b>	Air Recovery System Low Pressure	<b>HS</b>	Heat Set
<b>ARSHP</b>	Air Recovery System High Pressure (include ARSLP)	<b>DB</b>	Deep Bottom

## S2M



## BLOW-MOLDING MACHINES AVAILABLE

MAIN FEATURES	SX3	SX4	SX5	SX SUPER FLEXIBLE
Number of cavities	3	4	5	2-3-5
Bottle capacity	6-20 l	5-10 l	3-5 l	30-12-5 l
Max body diameter	300 mm	235 mm	190 mm	-
Max body height	510 mm	470 mm	470 mm	-
Max neck diameter	75 mm	54 mm	54 mm	-
Max nominal output 5 l	3300 bph*	5000 bph*	5000 bph*	-
Max nominal output 10 l	2300 bph*	3400 bph*	-	-
Max nominal output 20 l one way	-	-	-	-
Max nominal output 20 l refillable	-	-	-	-
Max nominal output 20 l stackable	1200 bph*	-	-	-
Max nominal output 30 l keg	-	-	-	-
Max nominal output 40 l keg	-	-	-	-
Heating power	96 Kw	112,5 Kw	112,5-135 Kw	120 Kw
Total installed power	116 Kw	132,5 Kw	132,5-155 Kw	140 Kw
Length-width-height (mm)	8550-2800-2950	8550-2800-2950	8550-2800-2950	8550-2800-2950
Weight	9300 Kg	9300 Kg	9300 Kg	9300 Kg
Technological Options	HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB	HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB	HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB	HDMPRE, HDMPOS, ARSLP, ARSHP, SG, NO, HS, DB

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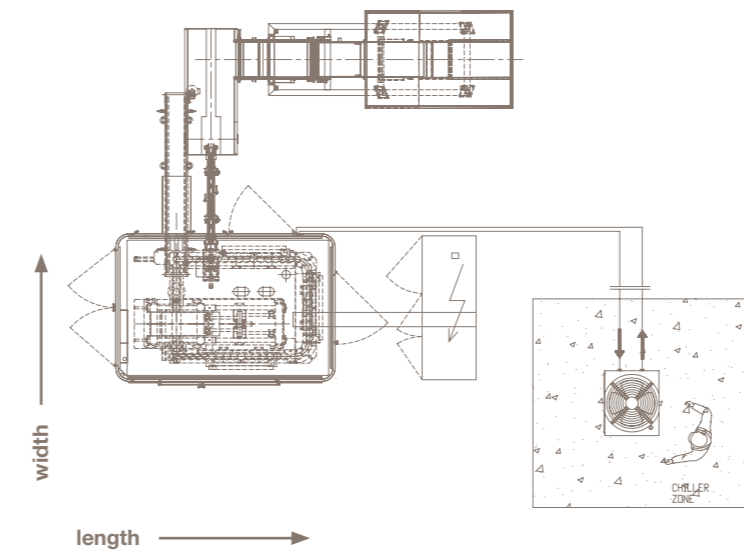
### TECHNOLOGICAL OPTIONS

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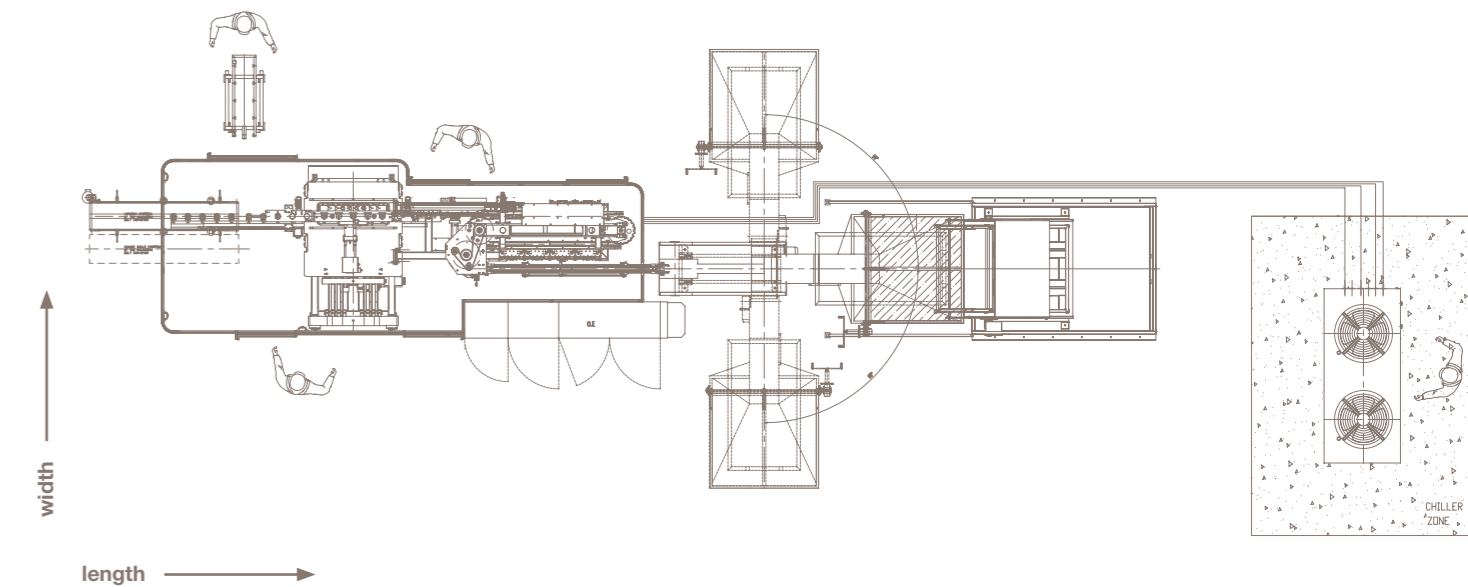
## SX1



## SX1-K



## SX2



# SHAPING YOUR BIG PROJECT

