

## standard



### descrizione dell'applicazione

SIAPI ha rafforzato il proprio posizionamento competitivo anche grazie ai contenitori e alle bottiglie dedicate al settore del beverage, con una produttività che può raggiungere le 24.000 bph. In collaborazione con il cliente e i nostri partner internazionali, sviluppiamo soluzioni per: ACQUA, CSD, SUCCHI, TÈ, BIBITE ISOTONICHE E VITAMINICHE, LATTE E PRODOTTI A BREVE SCADENZA, OLIO, BIRRA, VINO, ALIMENTARI E NON, FARMACI, PRODOTTI CHIMICI, DETERGENTI, COSMETICI, ALTRI PRODOTTI. La tecnologia lineare SIAPI riesce a soddisfare le più complesse esigenze con investimenti contenuti e inferiori rispetto alla tecnologia rotativa, offrendo la massima affidabilità e una migliore flessibilità di processo.

### description of application

SIAPI has strengthened its competitive edge also due to containers and bottles dedicated to the beverage trade, achieving productivity of up to 24,000 bph. In collaboration with the customer and our international partners, we develop solutions for: WATER, CSD, FRUIT JUICE, TEA-BASED DRINKS, ISOTONIC AND VITAMIN DRINKS, DAIRY PRODUCTS WITH SHORT SHELF-LIFE, OIL, BEER, WINE, FOOD, PET FOOD, MEDICINES, CHEMICAL PRODUCTS, DETERGENTS, COSMETICS, OTHERS. SIAPI's linear technology meets the most complex needs but involves reduced investments, lower than those required for rotary machines, while providing maximum reliability and improved process flexibility.

## specials

### descrizione dell'applicazione

Le soffiatrici SIAPI sono in grado di produrre contenitori in PET di geometria complessa grazie alla propria tecnologia proprietaria e all'alto grado di personalizzazione, riuscendo così a soddisfare particolari esigenze del mercato. Per tutte le soffiatrici, ad esempio, sono disponibili i moduli di riscaldamento preferenziale PH (Preferential Heating) per contenitori ellittici, sistemi di orientamento del collo NO (Neck Orientation), tecnologie SG per creare finte maniglie profonde (Super Grip) e l'applicazione di maniglie esterne (Handlematic) o tecnologie DB (Deep Bottom) per la realizzazione di forme impilabili.

### description of application

SIAPI Blow Molding machines use exclusive patented technology to produce customized PET containers with special shapes to meet the market's particular needs. For example, all machines can be equipped with Preferential Heating modules for oval containers, neck-orientation systems, SG technologies for deep handle pockets (Super Grip), external handle application (HandleMatic) and deep bottom technology for stackable shapes.

## heat set

### descrizione dell'applicazione

SIAPI può applicare la tecnologia Heat Set all'intera gamma di soffiatrici (incluso Wide Mouth), per la realizzazione di contenitori in PET destinati al riempimento a caldo fino a 90°C. Tutte le soffiatrici Heat Set, inoltre, possono soffiare contenitori destinati al riempimento standard, garantendo la massima flessibilità.

### description of application

SIAPI can apply Heat Set technology to the whole range of Standard and Wide Mouth blow molding machines to make PET containers for hot filling up to 90°C. All Heat Set machines are highly flexible and can also produce containers for standard filling.



## 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

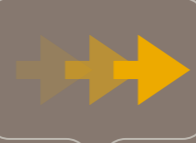
Le macchine soffiatrici SIAPI sono completamente elettriche, con motori brushless e tutte possono essere configurate con il sistema di recupero dell'aria di soffiaggio.

### 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.

### speed



### simplicity



### shaping



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## speed, simplicity, shaping



## standard & special / S-SC-SE-SD

**SIAPI**  
Shaping your projects

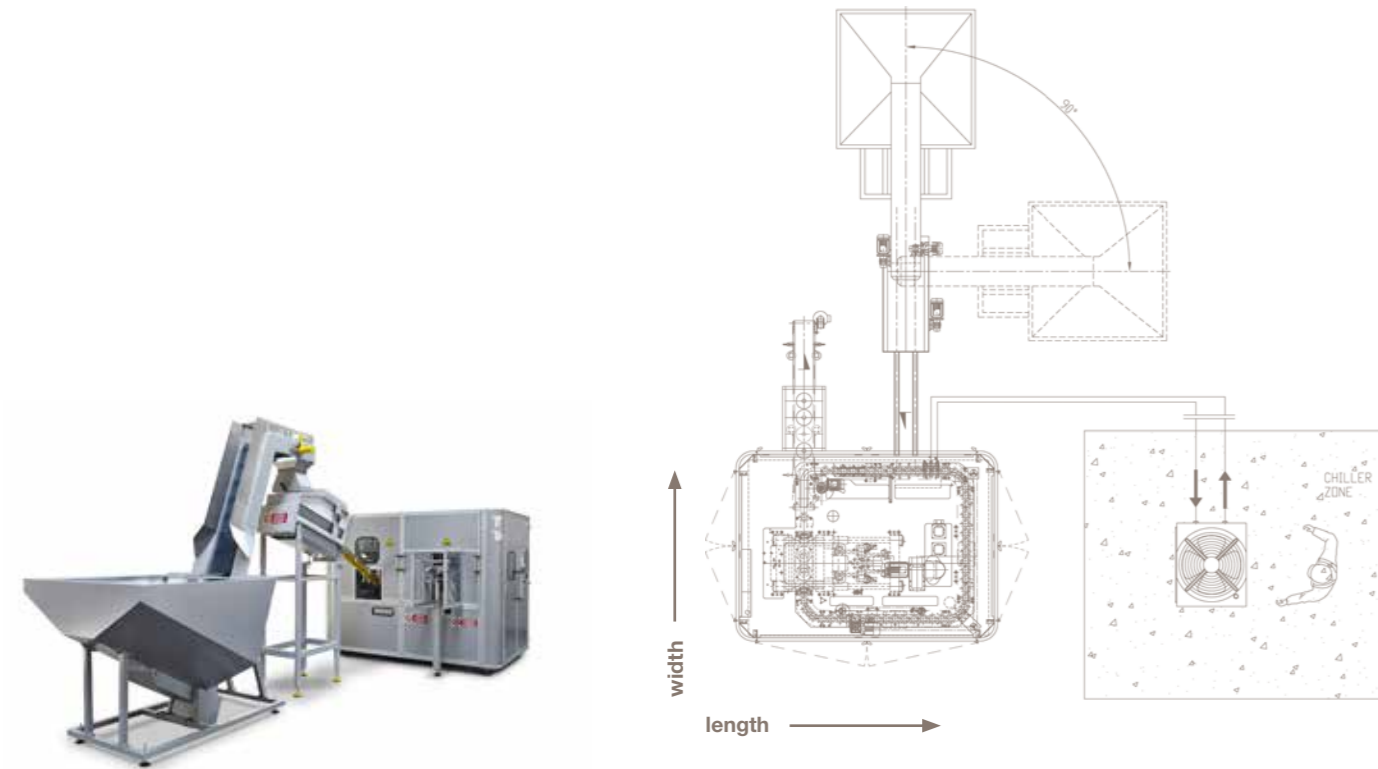
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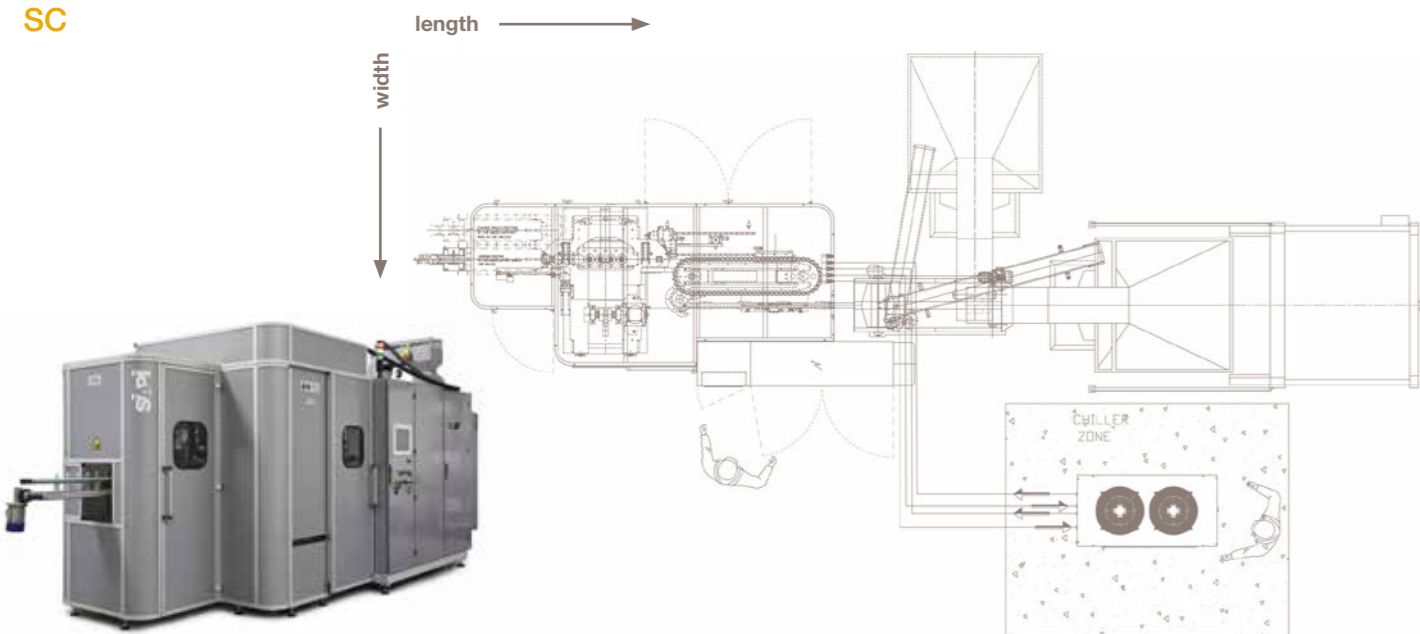
## BLOW-MOLDING MACHINES AVAILABLE

MAIN FEATURES	S2	SC2	SC3	SC4	SC5
Number of cavities	2	2	3	4	5
Bottle capacity	0,25-6 l	0,25-8 l	0,25-5 l	0,25-3 l	0,25-2,5 l
Max body diameter	190 mm	190 mm	155 mm	120 mm	95 mm
Max body height	370 mm	365 mm	365 mm	365 mm	365 mm
Max neck diameter	60 mm	55 mm	45-55 mm	45 mm	45 mm
Max nominal output *	3500 bph**	3600 bph**	5000 bph**	6600 bph**	8000 bph**
Heating power	48,4 Kw	48 Kw	48 Kw	68 Kw	68 Kw
Total installed power	62,4 Kw	66 Kw	66 Kw	86 Kw	86 Kw
Length-width-height (mm)	2830-2055-2900	4100-2050-2570	4100-2050-2570	4100-2050-2570	4100-2050-2570
Weight	4500 Kg	6200 Kg	6200 Kg	6200 Kg	6200 Kg
Technological Options	PH, HDMPPOS, ARSLP, ARSHP, SG, HS, DB	PH, HDMPRE, HDMPPOS, ARSLP, ARSHP, SG, NO, HS, DB	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS, DB	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS, DB	PH, ARSLP, ARSHP, NO, HS, DB

### S2



### SC

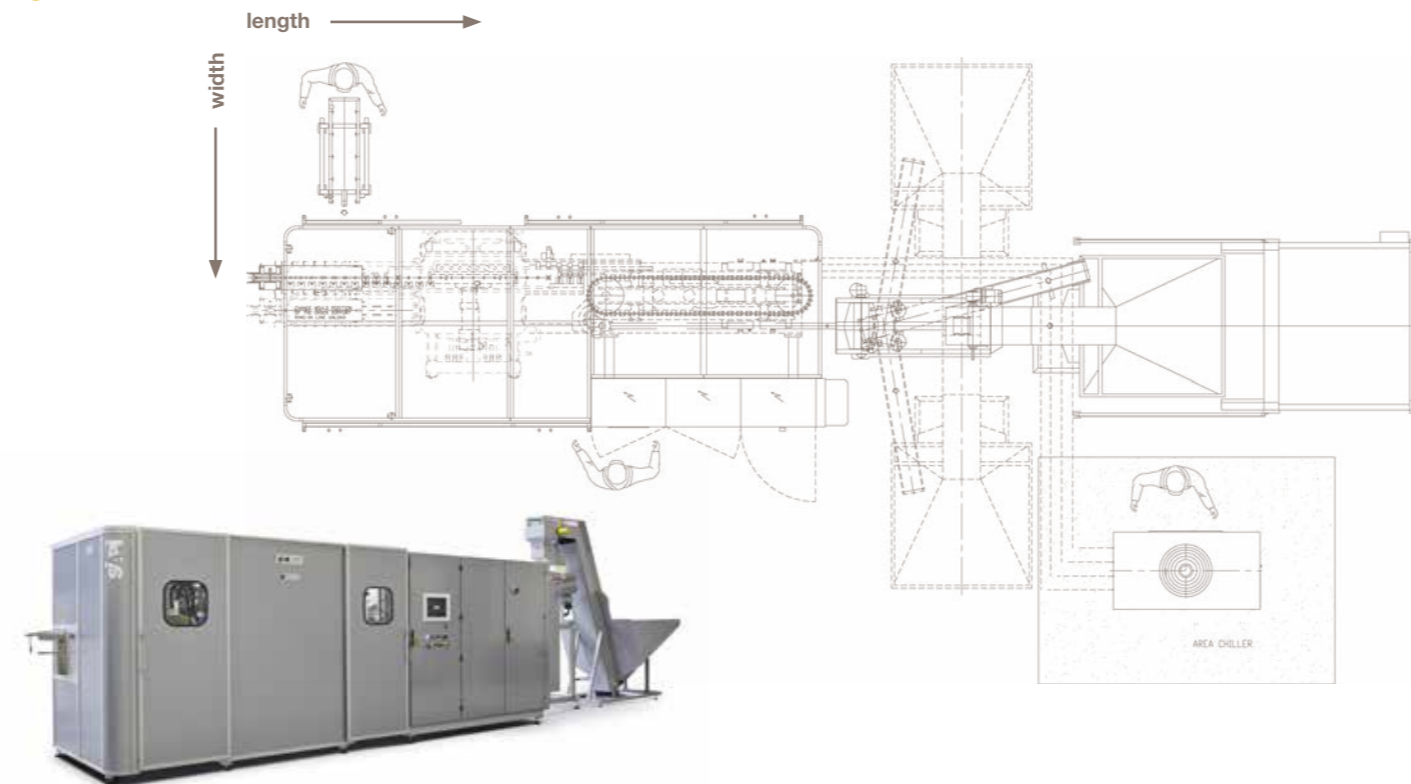


## BLOW-MOLDING MACHINES AVAILABLE

MAIN FEATURES	SE3	SE4	SE5	SE6	SE7
Number of cavities	3	4	5	6	7
Bottle capacity	0,25-9 l	0,25-8 l	0,25-4 l	0,25-3 l	0,25-2 l
Max body diameter	210 mm	190 mm	150 mm	125 mm	105 mm
Max body height	360 mm	360 mm	360 mm	360 mm	360 mm
Max neck diameter	55 mm	45/55 mm	45 mm	45 mm	45 mm
Max nominal output *	4500 bph**	6000 bph**	7500 bph**	9000 bph**	10500 bph**
Heating power	68/88 Kw	68/88 Kw	68/88 Kw	68/88 Kw	88 Kw
Total installed power	89/109 Kw	89/109 Kw	89/109 Kw	89/109 Kw	109 Kw
Length-width-height (mm)	6000-2160-2360	6000-2160-2360	6000-2160-2360	6000-2160-2360	6000-2160-2360
Weight	6800 Kg	6800 Kg	6800 Kg	6800 Kg	6800 Kg
Technological Options	PH, HDMPRE, HDMPPOS, ARSLP, ARSHP, SG, NO, HS, DB	PH, HDMPRE, HDMPPOS, ARSLP, ARSHP, SG, NO, HS, DB	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS

MAIN FEATURES	SE7-3	SE8	SE9	SE10
Number of cavities	7-3	8	9	10
Bottle capacity	-	0,25-1,5 l	0,25-1 l	0,25-0,60 l
Max body diameter	105-200 mm	90 mm	80 mm	70 mm
Max body height	360 mm	360 mm	360 mm	360 mm
Max neck diameter	45/55 mm	45 mm	45 mm	45 mm
Max nominal output *	-	11700 bph**	12500 bph**	14000 bph**
Heating power	88 Kw	88 Kw	96 Kw	96 Kw
Total installed power	109 Kw	109 Kw	117 Kw	117 Kw
Length-width-height (mm)	6000-2160-2360	6000-2160-2360	6000-2160-2360	6000-2160-2360
Weight	6800 Kg	6800 Kg	6800 Kg	6800 Kg
Technological Options	PH, HDMPPOS, ARSLP, ARSHP, SG, NO, HS	PH, ARSLP, ARSHP, NO, HS	PH, ARSLP, ARSHP, NO, HS	PH, ARSLP, ARSHP, NO, HS

### SE



## BLOW-MOLDING MACHINES AVAILABLE

MAIN FEATURES	SD8	SD10	SD12	SD14
Number of cavities	8 (4+4)	10 (5+5)	12 (6+6)	14 (7+7)
Bottle capacity	0,25-8+ l	0,25-4 l	0,25-3 l	0,25-2 l
Max body diameter	190 mm	150 mm	125 mm	105 mm
Max body height	360 mm	360 mm	360 mm	360 mm
Max neck diameter	45 mm	45 mm	45 mm	45 mm
Max nominal output *	12000 bph**	15000 bph**	18000 bph**	21000 bph**
Heating power	136-176 Kw	176 Kw	176 Kw	176 Kw
Total installed power	166-206 Kw	206 Kw	206 Kw	206 Kw
Length-width-height (mm)	8000-3400-2870	8000-3300-2870	8000-3400-2870	8000-3400-2870
Weight	11500 Kg	11500 Kg	11500 Kg	11500 Kg
Technological Options	HDMPPOS, ARSLP, ARSHP, SG, HS, DB	HDMPPOS, ARSLP, ARSHP, SG, HS	HDMPPOS, ARSLP, ARSHP, SG, HS	HDMPPOS, ARSLP, ARSHP, SG, HS

MAIN FEATURES	SD16	SD18	SD20
Number of cavities	16 (8+8)	18 (9+9)	20 (10+10)
Bottle capacity	0,25-1,5 l	0,25-1 l	0,25-0,75 l
Max body diameter	90 mm	80 mm	75 mm
Max body height	360 mm	360 mm	360 mm
Max neck diameter	45 mm	45 mm	45 mm
Max nominal output *	23800 bph**	26800 bph**	28600 bph**
Heating power	176 Kw	144 Kw	144 Kw
Total installed power	206 Kw	174 Kw	174 Kw
Length-width-height (mm)	8000-3400-2870	8000-3400-2870	8000-3400-2870
Weight	11500 Kg	11500 Kg	11500 Kg
Technological Options	HDMPPOS, ARSLP, ARSHP, SG, HS, DB	ARSLP, ARSHP, HS	ARSLP, ARSHP, HS

\* 1 l bottle standard shape

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

\*\*\* 0,5 l bottle standard shape

#### 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>HDMPPOS</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

### SD

