

akei[®]

**AKEI
HOLDINGS
COMPANY
LIMITED**



ALL-ELECTRIC SERIES

www.akei.com.hk



AE-70-TS: E.B.M.

Our technological breakthrough AE-70-TS is AKEI's first **all-electric model**. The latest advanced designs are combined with components of the highest renowned quality bringing forth a blow molding machine that provides the end user considerable reductions in cycle time, noise, power consumption and contributes to the environment. According to industry sources, fully-electric blow molding machines have yet to be developed in China, and only few working models have been proven in the market.

Performance of conventional blow molding machine depends solely on its hydraulic unit, however the byproducts of this alternative are air borne particles saturated with oil fumes which contaminates inner surfaces of containers. Excess power consumption by the hydraulic pump and oil leak contaminations are also eliminated with servomechanics. The all-electric blow molding machine is an ideal solution for Food, Pharmaceutical and Body Care sectors of the Industry.

Our AE-70-TS is capable of reducing energy consumption costs by 30% and guaranteeing a 100% clean environment. It has a clamping force of 8 tons actuated by servo motors; its carriages transfer smoothly on bearings across 370mm of linear rails and have an opening daylight of 200mm. This model can additionally be configured to blow multilayer containers thus reducing total costs even further. Cost reductions in energy and material translate in faster returns for end users, making your future investment on our AE-70-TS a viable alternative.

AE-70-TS



Single Head



A			B			C		D	
A	B	H	A	B	H	Ø	H	A	H
270	130	310	270	130	310	130	310	130	310

Double Head - Center Distance : 150



A			B			C		D	
A	B	H	A	B	H	Ø	H	A	H
125	130	310	125	130	310	125	310	125	310

Triple Head - Center Distance : 100



A			B			C		D	
A	B	H	A	B	H	Ø	H	A	H
75	130	310	75	130	310	75	310	75	310

Quad Head - Center Distance : 75



A			B			C		D	
A	B	H	A	B	H	Ø	H	A	H
50	130	310	50	130	310	50	310	50	310

AE-70-TS :

TECHNICAL DATA

Screw Diameter : 70mm

Screw L/D : 24:1

Screw Speed : 9~58 rpm

Extruding Volume : 85 kg/h

Extruder Heating : 4zones

Transfer Stroke : 370 mm

Clamp Stroke : 200 mm

Mold Thickness : 200 mm ± 1 mm

Clamp Force : 8 Tons

Dry Cycle : 2.5 seconds

Water Consumption : 1.5~2.5 m³/h

Air Consumption : 1~1.5 m³/min

Net Weight (Approx.) : 8 Tons

POWER CONSUMPTION

Inverter Drive Motor : 30 kW

Die Heater : 14.4 kW

Extruder Heater (PE) : 9.98~13.3 kW

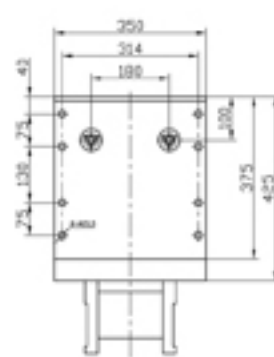
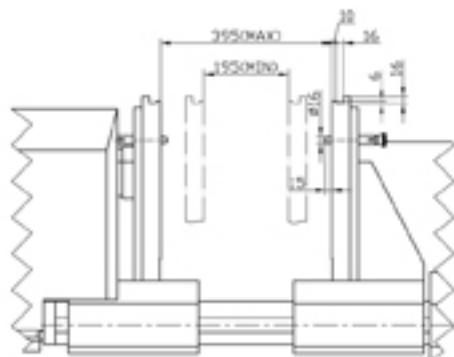
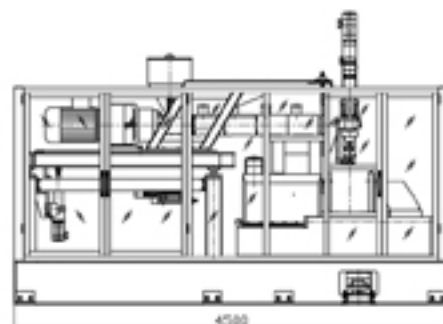
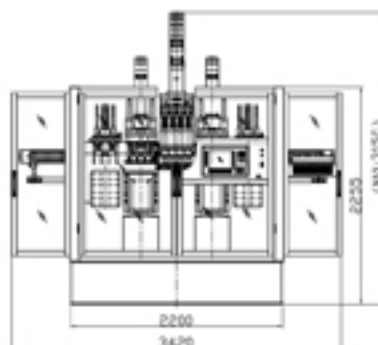
Maximum Capacity : 60 ~ 65 kW

(Including Parison Control)

Average Consumption Rate : 15 ~ 20 kW

(Including Parison Control)

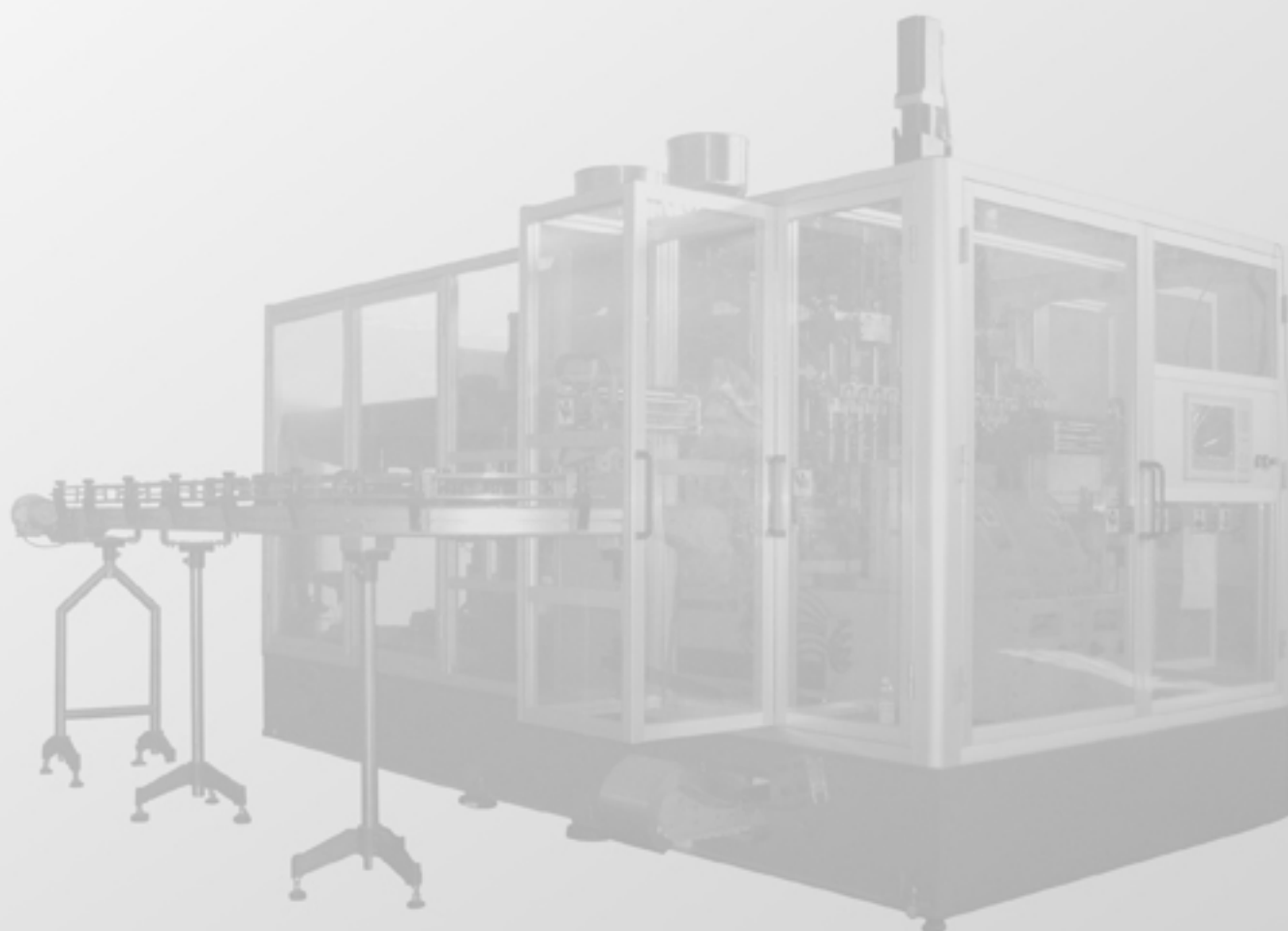
Parison Control Servo Motor : 4 ~ 6.32 kW



The above specifications are for reference only. We reserve rights for any modifications.



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