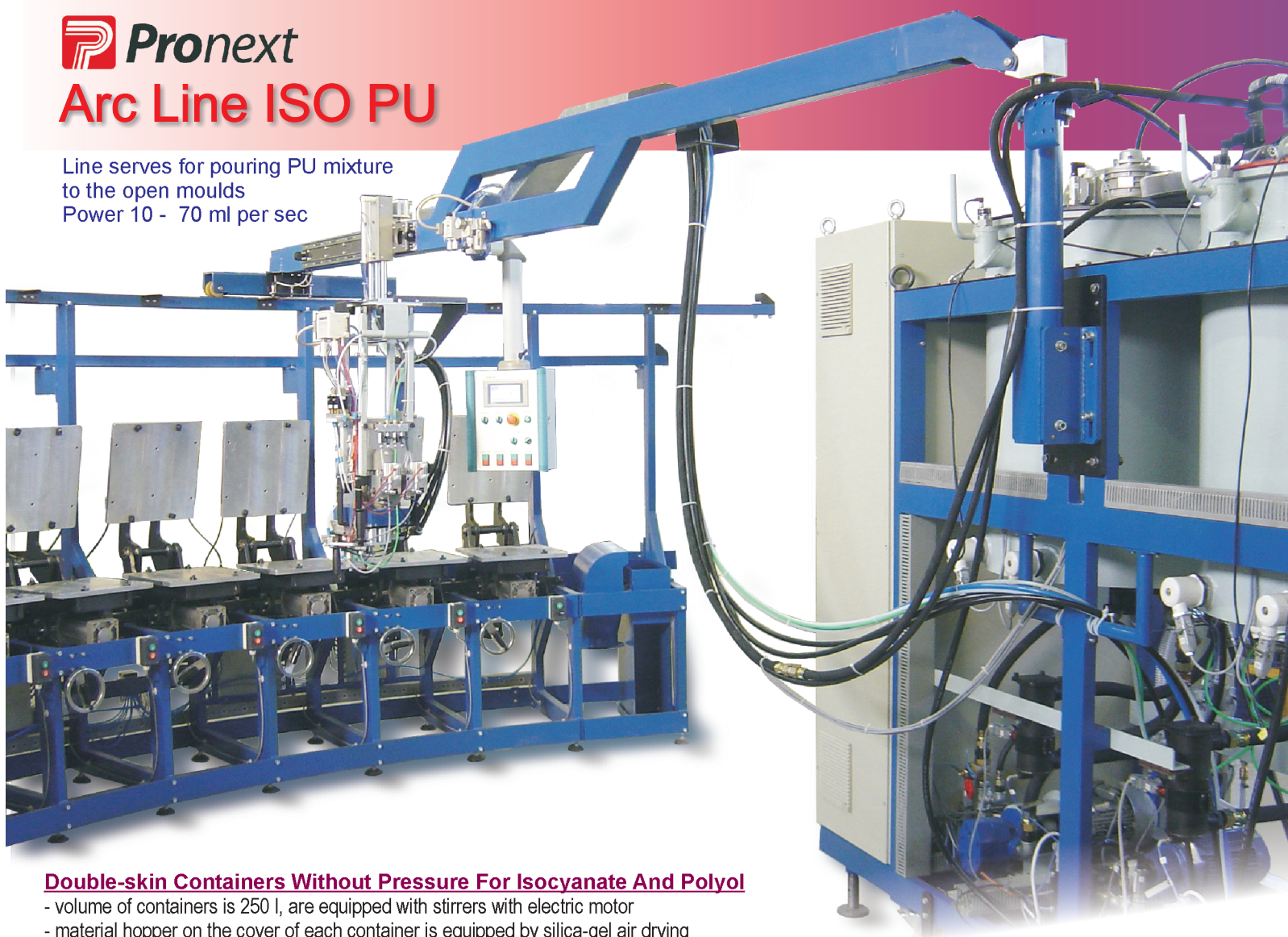


Line serves for pouring PU mixture
to the open moulds
Power 10 - 70 ml per sec



Double-skin Containers Without Pressure For Isocyanate And Polyol

- volume of containers is 250 l, are equipped with stirrers with electric motor
- material hopper on the cover of each container is equipped by silica-gel air drying
- cooling and heating by oil and circulatory pumps
- indicating of oil level increase
- heating of oil by electric convector, cooling by cooling unit with closed circuit
- continuous level indication of each component on the main control panel and touch LCD display
- each container is equipped with pump for filling of containers from barrels
- heated suction pipeline for components

Component Dosing

- two accurate dosing gear pump with cycloidal gear boxes and electromotors
- components are cleaned before entering the pumps, shell of filter is heated
- pumps are heated
- reading of component pressure with blocking of pump running during maximal value

Head Suspension

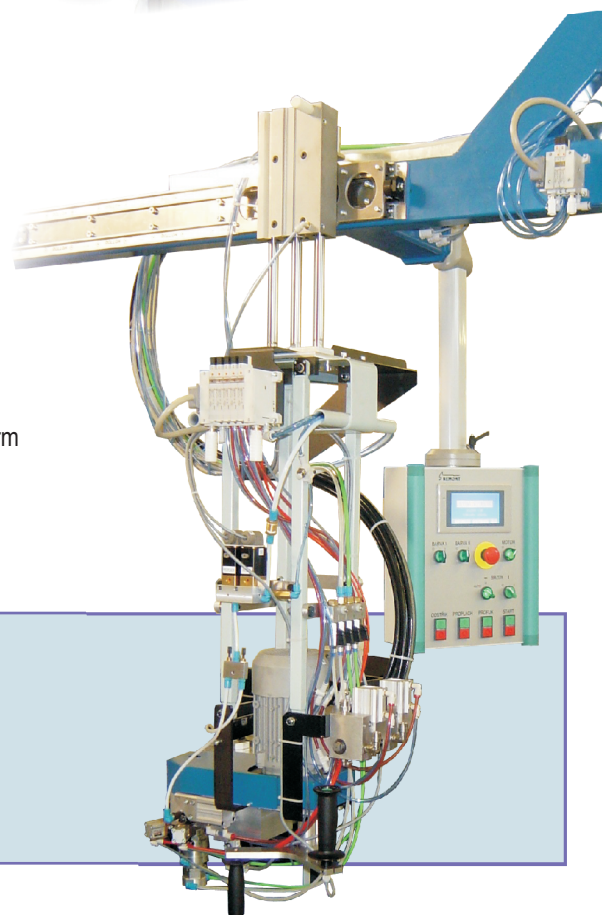
- on slewing arm with manual transversal movement between the units placed into semicircle
- longitudinal radial movement over the unit with mould execute sliding conduction in the axe of arm
- correction of height by pneumatic balanced device
- position during pouring is stabilized by brakes of transversal or longitudinal movement
- suspension on the joint bar allows manual movement of head during pouring
- position of head with regard to units axe is read by inductive sensor
- position, in which the unit is situated, is displayed on the touch LCD display

Mixing Head

- is constructed for two PUR components, with the possibility of supply of colour concentrate
- coloring device (container for colours) can be bought individually, see accessories
- inlet for rinsing by rinsing medium and blowing
- mixing of both component is executed by rotary mixer with electromotor over the toothed belt
- setting up of the accurate revolutions of mixer is displayed on the LCD display (RPM)
- inlet and recycling pressure hoses are heated
- mixing chamber is equipped with the cooling shell for water cooling from external aggregate

Rinsing Of Mixing Head

- pressure tank with the volume of 45l
- continuous indication of level on the main switchboard and on the LCD display
- emergency control of rinsing

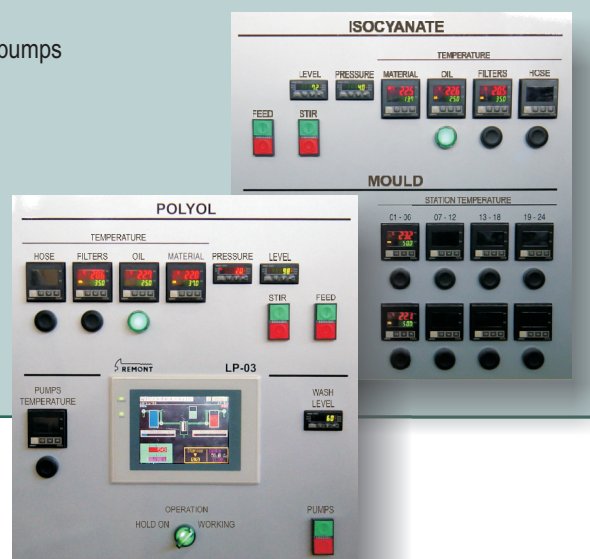


Units Moulds Bracket

- construction is made of 18 or 24 modular sections for fixing of two-piece or three-piece moulds with dimensions W400xL420xH230mm
- units opening and closing by the pneumatic cylinder with mechanical lock during closing - fully electric control for each unit
- closing is two-hand after pouring is automatic or manual opening is automatic or manual
- setting up of lean of unit with range $\pm 30^\circ$
- each lower desk of unit is heated adjustable regulation always for 6 units
- the same heating for upper desks must be ordered by ordering the machine

Main Switchboard

- control of motors for container filling, of stirrers, of heating and cooling pumps and of dosing pumps
- set up and regulation of temperature of heated hoses, of oil, of dosing pumps and filters
- display of components temperature in containers for POLYOL and ISOCYANATE
- setting up and control of unit temperature, common for 6 units
- blocking of running during the deviation of actual temperature and set temperature
- display of level of POLYOL and ISOCYANATE
- blocking of running during shortage of one of component and during the rinsing
- switch "holding operation" for saving of energy during shot-down of production
- automatic switching off dosing pumps during overrun of maximal pressure
- colour touch LCD display



Colour Touch LCD Display

- setting up of desired flow rate of mixture from head (ml/s)
- setting up of desired volume rate of ISOCYANATE to 100% of POLYOL
- counter for cycles of pouring, rinsing, operating hour, number of product
- setting up of doses for each unit individually (ml)
- calculated time is automatically displayed from setting dose and discharge
- setting up of time and of day in the week for automatic switching of heating the moulds (preheating before starting the production)
- setting up of correct revolutions of head stirrer for pouring and individually for rinsing RPM
- setting up of production batch for regular notice to the number of made products
- setting up of time for looping the operation of stirrers of components in containers and pumps for oil
- report "rinsing necessary" if the material stays in head without rinsing for longer time than is setting
- possibility of prevention of change the important technical parameters by the help of password
- operating report ("minimal level", "air pressure decrease", "temperature out of working range"
- breakdown report ("circuit breaker breakdown", "failure phase", "button error")

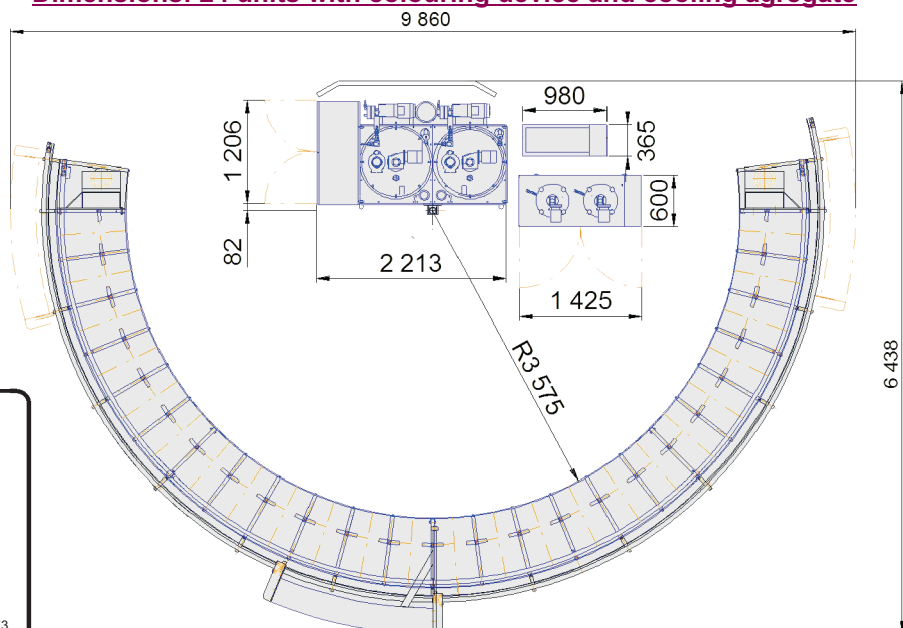


Control Panel Next To The Head

- switch / switch off of electromotor for head of stirrer
- control of carrier brakes and arm
- control of backsplash, pouring, rinsing and blowing
- switch / switch off of the inlet of colour concentrate 1 and 2
- touch monochrome LCD display for setting and control of the device state
- function of "start" button placed in grip is automatically changed according the position of head

Accessories:

Dimensions: 24 units with colouring device and cooling aggregate



Agency

Cat. No.P04004UK E3