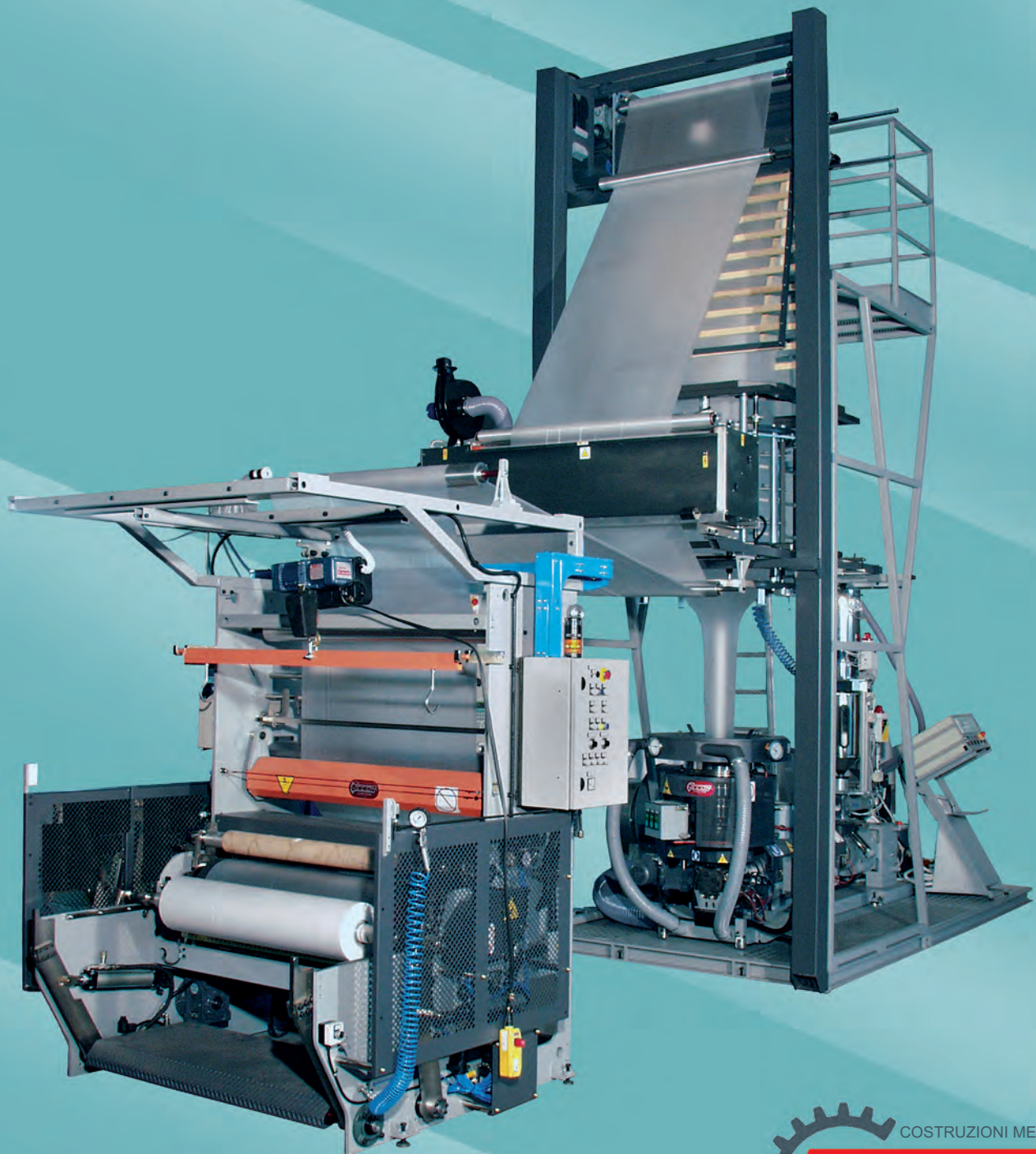
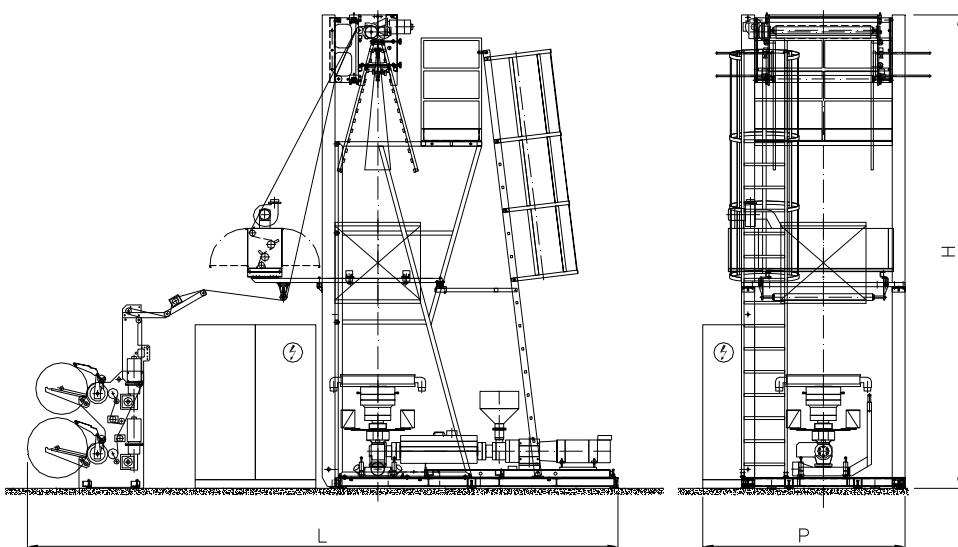


monobloc **MB 50B**

BLOWN FILM EXTRUSION LINE FOR HDPE, LDPE,
LLDPE, mLLDPE, MDPE, BIODEGRADABLE
SINGLE-LAYER PRODUCTION





extrusion head	K5/22	
head type	rotating	
die \varnothing min – max (mm)	50 -220	
cylinder width mm	1100	1300
dimensions mm (P x H)	2350 x 5500	
single station R1/1 or R7/1	L = 8300	
super-imposed double station RV1/2 or RV7/2	L = 7600	
back to back double station R1/2 or R7/2	L = 9300	

*Blown film extrusion line type **monobloc MB 50B**
for HDPE, LDPE, LLDPE, mLLDPE, MDPE, Biodegradable
single-layer production*

monobloc MB 50B is equipped with:

- traditional or forced feeding extruder with 50 mm diameter screw, L/D ratio = 30, with three-phase AC motor with lamination magnetic body frame, Kw 42 or 57, with cooling fan, controlled by vectorial inverter, directly coupled with the reducer;
- wear resistant bimetallic steel barrel and extrusion screw made of nitrided steel alloyed with NiAlMo;
- standard or grooved and water-cooled bushing (easily replaceable) on the feed opening of the plasticator group, for traditional or forced granule feeding;
- cartridge screen changer, pressure and Melt temperature transducer;
- rotating extrusion head with the possibility to install dies ranging from a diameter of 50 mm up to 220 mm;
- ceramic heater bands controlled by digital thermo-regulators;
- cooling ring provided with 7.5 Kw electric fan and including double suction soundproof system, driven by digital inverter. The ring is supplied with two adjustable inserts for the outgoing airflow (both single-lip respectively for HDPE and for LDPE) and banking complete with iris closure for low blowing ratios;
- fixed or high adjustable bubble calibration basket on 4 levels with curved arms having idle rollers made of thermo-plastic resins. Motorised opening and closing of the arms;
- TO1 fixed take-off unit including film flattening system provided with manually opened and closed forming tent, triangles for gusseting with double adjustment and manual drive, cylinders width 1100 mm or 1300 mm;
- winding stations can be single or double (super-imposed or back to back) with manual or pneumatic cut;
- thermo-regulation and control board for **monobloc MB 50B** with SIEMENS electro-mechanical driving system, pressure gauge and Melt temperature indicator, extruder motor drive, PID digital thermo-regulation, start programmer with weekly timer for energy saving pre-heating, drives for take-off and winders motors, metre-counter, speed adjustment and synchronism circuits;
- thermo-regulation, alarms handling and supervision integrated with a SIEMENS PLC. All functions are handled and displayed by a SIEMENS operator panel;
- **monobloc MB 50B** can be equipped with a wide range of accessories such as granule loaders, metering systems, gravimetric hoppers, "Corona" treatment units, micro-perforators, air chillers, embossing cylinders, and logo printers.



*Tutte le nostre linee
di estrusione sono in grado
di processare
film **BIODEGRADABILI***



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