

# Hot air vulcanisation channel

## HLK 110 with PCT, HLK 109



**Modular hot air vulcanisation channel concept for flexible use for ultra fast profile cross-linking or as a drying channel.**

### **HLK 110 with PCT**

Hot air vulcanisation channel with integrated Pollution Control Technology (PCT) for exhaust air cleaning in an efficient air circulation system.

### **HLK 109**

Hot air vulcanisation channel with fresh air system.

## **MACHINE HIGHLIGHTS**

- Effective machine lengths 6 - 24 m
- Natural gas heating LNG/LPG as per Euro standard
- Production speed up to 60 m/min
- Temperatures adjustable to 340 °C
- Other energy sources may be integrated
- Separate belt drive and tensioning station
- Integrated exhaust air cleaning (PCT), type HLK 110
- Flexible production direction

## MACHINE DATA HLK 110, HLK 109

Effective machine length	6-24 m
Profile pass-through aperture height	50 mm *
Profile pass-through aperture width	100 mm *
Machine clearance height	1000 mm *
Production speed max.	60 m / min *
Gas heating	LNG/LPG EU standard
Burner output HLK 110, HLK 109	170 kW, 180 kW
Electrical connection	230/400 V, 3 Ph, 50 Hz, PE+N*
Compressed air connection	7 bar
Machine version	CE standards, DIN standards



## MAIN STANDARD EQUIPMENT

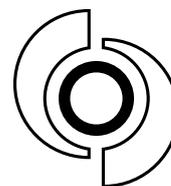
High speed hot air zone	
Inspection cover operation	pneumatic
Separate belt drive and tensioning station	yes
Air locks in channel infeed and outfeed	yes
Integrated exhaust air cleaning (PCT) with HLK 110	yes
Main extraction fan	yes
Electrical switch cabinet	yes
PLC control	Siemens S 7-300
Touch display	Siemens*

\* or customised



## CONFIGURATION OPTIONS

- Profile surface temperature measurement at the channel outfeed
- Heat transfer sensor
- Spark sensors for fire prevention
- Non-driven support rollers instead of conveyor belt
- Zone lowering for non-contact vulcanisation
- Optional IR or UHF integration possible
- Other options on request



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