

E-XHEAD™
swiss made

PRECISION
EXTRUSION
TECHNOLOGY

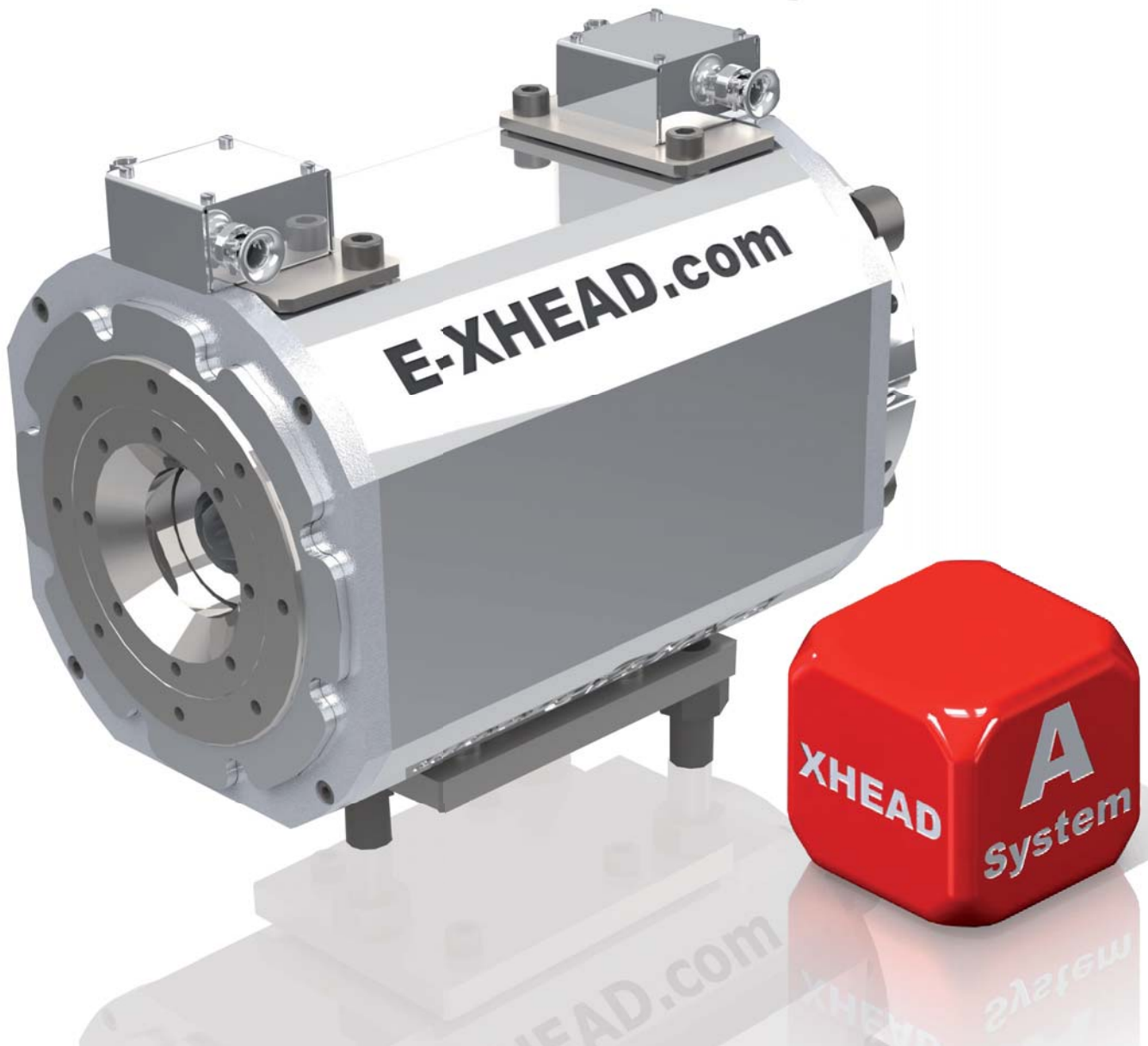
E-XHEAD.COM

Technology to improve
your extrusion line
performance

CROSSHEAD MODEL A UNIVERSAL EXTRUSION CROSSHEAD

*DISTRIBUTOR CONCEPT FOR WIDE RANGE OF POLYMERS
MULTI LAYERS CO-EXTRUSION UP TO 5 LAYERS
VERY HIGH EXTRUSION CONCENTRICITY
FROM Ø 0,1MM TO Ø 200MM
VERY EASY MAINTENANCE*

E-XHEAD PRECISION EXTRUSION CROSSHEADS FOR ALL EXTRUDERS





E-XHEAD® MODEL A CROSSHEAD

This new generation of universal crosshead is designed for the insulation and jacketing of Cables from \varnothing 0.1 mm to 200 mm.

MODULAR CONCEPT

Design is made on complete modular concept, all crosshead components can be used to one or many other E-XHEAD® crosshead, this reduce drastically spare parts storage.

CUSTOMISED CONCEPT

Thanks to its flexible design A model can be adapted to any extrusion line to produce a wide variety cables.

DISTRIBUTOR

The Crosshead distributor flow channels is calculated with special software. This insure the same average flow rates and layer thicknesses to be achieved at the die outlet. The flow paths are optimally matched in shape and depth to the viscosities of the insulation.

HIGH VISCOSITIES MATERIALS

In case of very high viscosities material A model can be delivered with Liquid temperature control via pressurised water or oil. The separate temperature control zones rapid liquid circulation circuit which guarantees ideal flow characterisitcs for the compound, in addition to rapid heating to operating temperature and exact temperature separation of the different melt flow.

HIGH CONCENTRICITY

E-XHEAD® is built on very tight tolerances matched with Computer calculated design of flow channel. This insure constant perfect material concentricity.

HIGH CONSTRUCTION QUALITY

E-XHEAD® A model are built to last, year after year your head will be able to support thousand of mounting dismounting and cleaning without alteration of the tolerances, Thanks to its robust construction made in highest Steel Alloy Quality hardened up to 60 HRC.





E-XHEAD® MODEL A OPTIONS

To improve performance E-XHEAD® Crosshead can be delivered with many different accessories as per following list.

BY-PASS MANUAL

E-XHEAD® manual By-Pass is made in Mono-Bloc construction with effective heating cartridges. Those By-Pass are designed to avoid any leak or seizing.

BY-PASS HYDRAULIC

E-XHEAD® hydraulic By-Pass is made in Mono-Bloc construction with effective heating cartridges. Those By-Pass are designed to avoid any leaks or seizing. Linear Hydraulic Valve insure instant movement.

EASY DISTRIBUTOR HANDLING SYSTEM

E-XHEAD® for easy distributor cleaning.

C-CLAMP MANUAL

E-XHEAD® can be mounted on any extruder model.

C-CLAMP HYDRAULIC

E-XHEAD® can be mounted on any extruder model.

LIQUID TEMPERATURE CONTROL

E-XHEAD® in case of very high viscosities material A model can be delivered with Liquid temperature control via pressurised water or oil.

UNIVERSAL HEAD SUPPORT TROLLEY

E-XHEAD® universal trolley for easy maintenance.

FIXED-MANUAL CENTRE SYSTEM

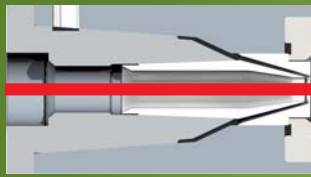
E-XHEAD® has developed **FMC system** which allow to work on same head in both mode without any head modification. Crosshead manual adjustment can be made while the head is under pressure and operator can make adjustment in few seconds.

MICRO CENTRE

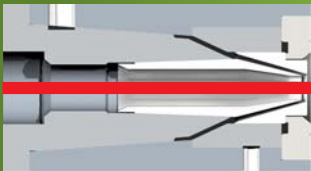
E-XHEAD® has developed **MC system** allow very fine tuning of concentricity adjustment required some times for very fine wire insulation to approach 100% concentricity.



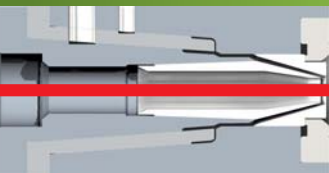
MODEL A CONFIGURATION



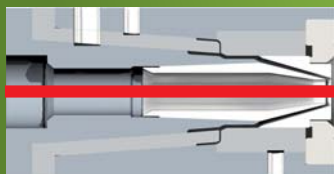
SL - SINGLE LAYER



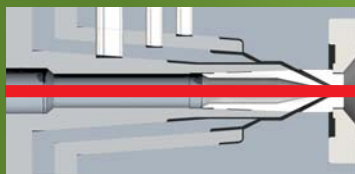
S - SINGLE LAYER + SKIN / STRIPES



DL - DUAL LAYERS



DLS - DUAL LAYERS + SKIN / STRIPES



TL - TRIPLE LAYERS

A

E-XHEAD.com

MODEL	A1	A2	A3	A4	A5	A6	A7	A8
Max Conductor	6mm	16mm	25mm	35mm	60mm	80mm	120mm	180mm
Max Insulation	10mm	20mm	35mm	45mm	70mm	100mm	150mm	200mm
Skin / Stripes	☑	☑	☑	☑	☑	☑	☑	☑
Multi Layer (Coex)	☑	☑	☑	☑	☑	☑	☑	☑
Fixed Centre	☑	☑	☑	☑	☑	☑	☑	☑
Manual Centre	☒	☑	☑	☑	☑	☑	☑	☑
Micro Centre	☑	☑	☑	☑	☒	☒	☒	☒
By-Pass	☑	☑	☑	☑	☑	☑	☑	☑

Please do not hesitate to contact us for any further information on our products range.
E-XHEAD® Highly qualified engineers will reply to submit best possible solutions.