

E-XHEAD®

Swiss Made +



Leading Extrusion Solutions

E-XHEAD® founded in 1999 by Engineers with very long experience in the field of extrusion, process for the Cables and Plastics Industry. In many different sectors such as Power Cables, Data Cables, Tube & Pipe etc..

E-XHEAD® propose solutions of Crossheads for almost any type of Cables or Tube specifications. Either with standards or customized Heads, from single to multilayers co-extrusion of different Polymers.

E-XHEAD® Engineering Department use for our Crossheads design. Latest generation of computer 3D CAD system, as well as dedicated Software to calculate best flow path to process any type of Polymers

E-XHEAD® high precision Crossheads, allow production solutions on this highly competitive market. Where every material cost saving counts. We insure our customers to increase Extrusion Line profitability By reduction of production down time, scraps as well as high extrusion concentricity, to reduce Polymers consumptions and improve final product quality with the highest reliability.

E-XHEAD® products become integral parts at the hearth of your extrusion process.

E-XHEAD® products are engineered and manufactured in Switzerland



LEADING EXTRUSION SOLUTIONS



- POWER CABLES LV-MV-HV
- AUTOMOTIVE WIRES
- HTW High Tech Wire
- FLUOROPOLYMERS
- SPECIAL CABLES
- OPTICAL FIBRES
- MEDICAL TUBES
- BULDING WIRES
- LAN CAT 5,6,7...
- CATV-Mini-Coax
- PIPES & TUBES

E-XHEAD Precision Extrusion Technology

CROSSHEAD MODEL V

TRIPLE LAYERS EXTRUSION

FOR MEDIUM & HIGH VOLTAGE
CABLES UP TO 500 KV
NEW DISTRIBUTOR TECHNOLOGY
FOR UNIFORM INSULATION
HIGH TEMPERATURE LIQUID
TEMPERATURE CONTROL
VERY HIGH EXTRUSION CONCENTRICITY
QUICK TOOLS CHANGING
ULTRA GLIDE® SURFACE COATING



CROSSHEAD MODEL C

TRIPLE LAYERS EXTRUSION

ULTRA QUICK COLOR CHANGING SYSTEM
COLOR SWAP IN FEW SECONDS
DRASTIC REDUCTION OF CABLES SCRAP
VERY HIGH EXTRUSION CONCENTRICITY
ULTRA GLIDE® SURFACE COATING
E-XHEAD® R SYSTEM FOR RAPID HEAD
CHANGE



CROSSHEAD MODEL G

UNIVERSAL EXTRUSION CROSSHEAD

EXTRUSION OF WIDE RANGE OF POLYMERS
MULTI LAYERS CO-EXTRUSION
EXTERME INSULATION CONCENTRICITY
QUICK TOOLS CHANGING
MC® MICRO CENTRE SYSTEM
ULTRA GLIDE® SURFACE COATING
FMC® FIXED-MANUAL CENTRE SYSTEM



CROSSHEAD MODEL D

HIGH PRECISION DATA CABLES INSULATION

FOR DATA CABLES LAN & MINI COAX
SKIN-FOAM-SKIN / SKIN-FOAM / FOAM-SKIN
EXTREME INSULATION CONCENTRICITY
GUARANTEED CONCENTRICITY > 97%
VALUE NORMALLY OBTAINED
BETWEEN 98% TO 99.9%
E-XHEAD® R SYSTEM FOR RAPID HEAD
CHANGE



CROSSHEAD MODEL S

SPECIAL APPLICATIONS CROSSHEAD

E-XHEAD® ENGINEERING DEPARTEMENT
CAN DESIGN CUSTOMISED CROSSHEADS
FOR ALMOST ANY TYPE OF APPLICATIONS
HUNDREDS OF SPECIAL CROSSHEADS
DESIGN HAVE BEEN MADE FOR
WORLDWIDE CUSTOMERS



CROSSHEAD ACCESSORIES

TO IMPROVE E-XHEAD® CROSSHEADS
PERFORMANCE CAN BE DELIVERED WITH
MANY DIFFERENT OPTIONS:
BY-PASS
C-CLAMP
SUPPORT TROLLEY
HYDRAULIC UNIT
THERMO-REGULATION UNIT
ETC...



CROSSHEAD MODEL F

HIGH TEMPERATURE FLUOR RESISTANT

HIGH TEMPERATURE FLUOR RESISTANT
MADE IN SPECIAL ANTI-CORROSIVE ALLOY
EFFECTICE CERAMIC HEATING SYSTEM
FIXED OR MANUAL CENTRE
VERY HIGH EXTRUSION CONCENTRICITY
EXTRUSION OF VERY THIN LAYER
EASY MAINTENANCE



IN-LINE HEAD MODEL L

IN-LINE EXTRUSION HEAD

IN-LINE HEAD FOR TUBE & PIPE EXTRUSION
FIXED OR MANUAL CENTRE
MULTI LAYERS CO-EXTRUSION
QUICK TOOLS CHANGING



ULTRA-GLIDE®

HIGH TECH SURFACE COATING

E-XHEAD® has made a new step forward in High-Tec surface coating
ULTRA-GLIDE® coating which can be applied on all parts
in contact with melted compounds. Its Silk like surface finish
as well as its extremely hard surface 2900HV, insure a ver good
Anti-Adhesive and Low Friction properties
ULTRA-GLIDE® coating is the appropriate solution to improve
extrusion of XLPE, HFFR and many other material which are
difficult to process.
ULTRA-GLIDE® reduce drastically premature curing or sticking
of polymers into the Crosshead flow path. And allow faster
colour change.
ULTRA-GLIDE® reduce Polymers friction and lower dynamic pressure
ULTRA-GLIDE® reduce Die Drool effect, as well as poor surface finish
on the cables insulation.
ULTRA-GLIDE® has very good corrosion resistance properties.



CROSSHEAD MODEL A

ADVANCED EXTRUSION CROSSHEAD

NEW DISTRIBUTOR CONCEPT FOR
EXTRUSION OF WIDE RANGE OF POLYMERS
MULTI LAYERS CO-EXTRUSION
EXTERME INSULATION CONCENTRICITY
QUICK TOOLS CHANGING
MC® MICRO CENTRE SYSTEM
ULTRA GLIDE® SURFACE COATING
FMC® FIXED-MANUAL CENTRE SYSTEM



CROSSHEAD MODEL R

ULTRA QUICK TOOLS/HEAD CHANGING SYSTEM

HEAD/TOOL CHANGING IN LESS THAN 1 MINUTE
DRASTIC REDUCTION OF DOWN TIME AND SCRAP
FMC® FIXED-MANUAL CENTRE SYSTEM
ULTRA GLIDE® SURFACE
COATING



ULTRA-MIX®

HIGH PRECISION DOSING SYSTEM

ULTRA-MIX®
TO PRODUCE PEROXIDE
XLPE MV-HV POWER CABLES

ULTRA-MIX®
TO PRODUCE SILANE
XLPE LV-MV POWER CABLES

INSURE PERFECT COMBINED: SILAN,
PEROXID, SOLID MATERIALS.
The multi-component dosing station for the
safe dosing of solid and liquid components
such as silane and peroxide complies with
highest precision requirements.

