

X-HEAD MODEL XD

HIGH PRECISION DATA CABLE INSULATION

DATA CABLES LAN & MINI-COAX
SKIN-FOAM-SKIN / SKIN-FOAM / FOAM-SKIN
EXTREME INSULATION CONCENTRICITY

X-HEAD Model D Crosshead is engineered for high-performance insulation in data cable manufacturing. It is specifically designed for multi-layer extrusion—utilizing either chemical or physical foaming—required for LAN cables and mini-coaxial cables.

This next-generation crosshead delivers extreme insulation concentricity, which is maintained from the very first meter of production. Its innovative design allows for tool changes in under a minute while ensuring the head remains perfectly aligned with the production line at all times.



Crosshead model XD

Specification	XD1
Minimum core Ø	0.1 mm
Maximum core Ø	4 mm
Minimum die Ø	0.2 mm
Maximum insulation Ø	6 mm
Maximum tube die Ø	8 mm
Maximum pressure	500 bar
Layer types	1.0 single layer 1.1 single layer + skin or stripe 1.2 single layer + skin + stripe or single layer + 2 different stripes 2.1 triple layer skin-foam-skin 2.2 triple layer skin-foam-skin + stripes

Application	
Materials	PE (LD, MD, HD), Foamed PE/PP

Special characteristics	
Centering types	fixed, micro centring
Heating zones	2/3
Entry ports	main extruder: Ø 15 mm Auxiliary extruder: Ø 10 mm

Options	
Extruder connections	connection flanges for any type of extruder
By-pass	manual, hydraulic
Distributors	design for special polymers
Distributors	Maintenance handling system for easy cleaning
Ultra Glide	Special surface treatment to reduce friction
Accessories	vacuum adaptator, service tool box
Head support	head stand, head trolley

Crosshead model XD

Specification	XD2
Minimum core Ø	1.0 mm
Maximum core Ø	16 mm
Minimum die Ø	1.0 mm
Maximum insulation Ø	20 mm
Maximum tube die Ø	20 mm
Maximum pressure	500 bar
Layer types	1.0 single layer 1.1 single layer + skin or stripe 1.2 single layer + skin + stripe or single layer + 2 different stripes 2.1 triple layer skin-foam-skin 2.2 triple layer skin-foam-skin + stripes
Application	
Materials	PE (LD, MD, HD), Foamed PE/PP
Special characteristics	
Centering types	fixed, micro centring, manual
Heating zones	2/3
Options	
Extruder connections	connection flanges for any type of extruder
By-pass	manual, hydraulic
Distributors	design for special polymers
Distributors	Maintenance handling system for easy cleaning
Ultra Glide	Special surface treatment to reduce friction
Accessories	vacuum adaptator, service tool box
Head support	head stand, head trolley