



HIGH FORCE CRIMPING SOLUTIONS

A FLEXIBLE APPROACH TO
CABLE PROCESSING



TE HV Tooling
Solutions
Available Thru
This Licensed
Distributor

FLEXIBLE HIGH FORCE TERMINATING SOLUTIONS



TE's high force lineup gives you the power needed to terminate large wire connectors in a flexible, affordable and compact bench-top solution.

The TE modular die platform allows you to use a wide variety of unique die sets in holders that can be installed into either our fine adjust compatible HV-20T and HF-20T bench-top presses, or a standard AT-66 high force press.

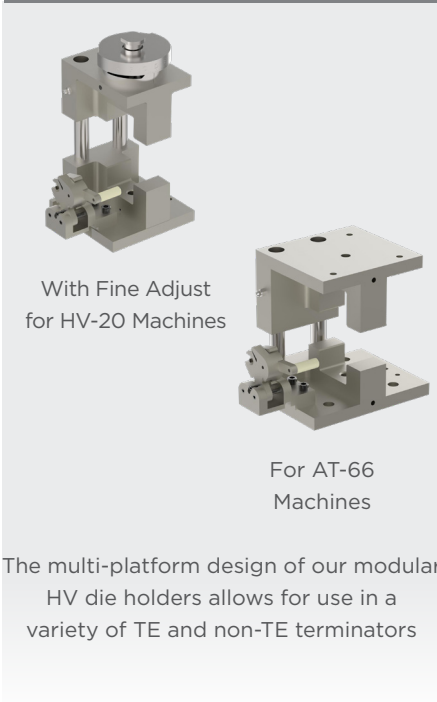
Unlike most competitive offerings, the HF-20T and HV-20T bench-top presses are able to produce 178kN (20T) of crimp force in order to process wires up to 120mm².

HV Modular Die Sets



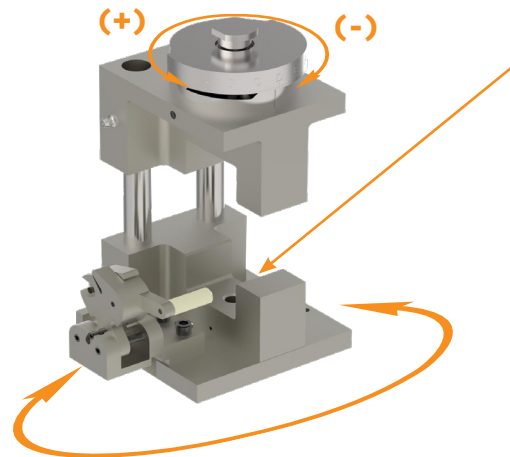
This is only a cross section of die sets and terminals available. Our modular die holders can accommodate both TE and non-TE terminals. For a more complete list please visit tooling.te.com or contact your TE Application Tooling sales representative.

HV Modular Die Holders — Loaded with Features



The multi-platform design of our modular HV die holders allows for use in a variety of TE and non-TE terminators

Fine adjust feature allows for faster, more precise crimp height adjustment



The wire clamp assembly, handle and die sets can easily be adjusted to handle left or right side wire processing



Spring-loaded wire clamp assembly accommodates a variety of different wire sizes to match your processing needs

SIDE-BY-SIDE COMPARISON



	HF-20T	HV-20T	Competitor 1 Large Press Offering	Competitor 2 Large Press Offering
Force	178kN (20T)	178kN (20T)	150kN (17T)	178kN (20T)
Max Wire	120mm ²	120mm ²	100mm ²	120mm ²
Variable Stroke (Sec) Speed (RPM)	1.3 - 8.3 Sec 288 - 1800 RPM	1.3 - 8.3 Sec 288 - 1800 RPM	1.2 Sec (fixed) 1420 RPM	(fixed) 1200 RPM
Power	3kW	3kW	4kW	7.5 kW
Supply	200V & 400V	200V & 400V	400V	200V & 400V
Stroke / Shut Height	44mm / 158.4mm	44mm / 158.4mm	50mm / 204.8mm	50mm / 190mm
Weight	635kg	637kg	500kg	1550kg
Network/MES	RJ-45 / MQTT	RJ-45 / MQTT	-	-
Particle Vacuum	-	Yes	No	No
Guard Auto Lift	Yes	Yes	Yes	Optional
CQM/CFM	-	Yes	Optional	Optional

HV-20T & HF-20T FEATURES



Combining sophisticated controls, traceability system and equipped with ethernet and USB ports, the HV-20T and HF-20T bench-top terminators are Industry 4.0 ready.

The integrated vacuum system design keeps sensitive connections clean and clear of debris commonly associated with high voltage cable crimping.



974
mm (h)





Let's Connect

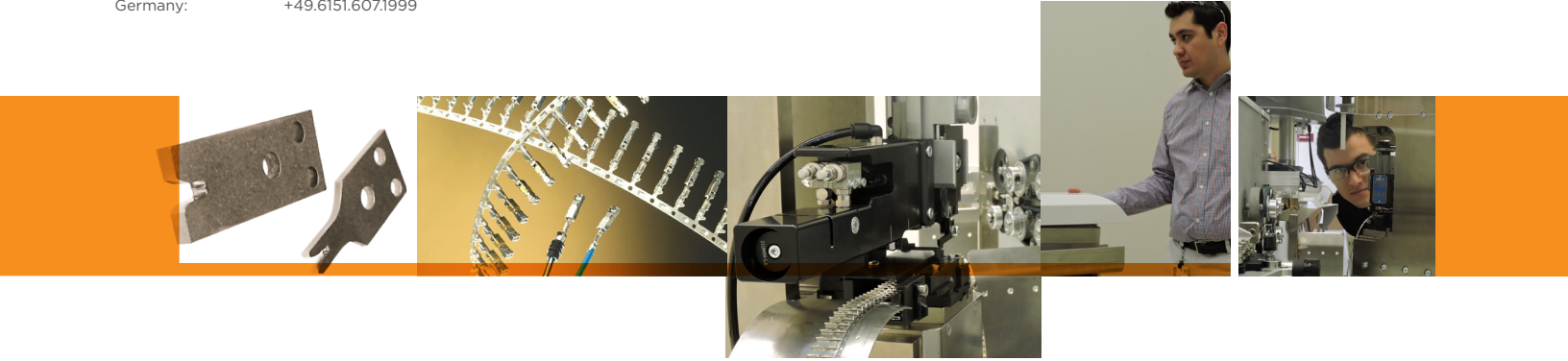
To find the right TE tooling for your needs, visit <https://www.ttiEurope.com>,

call TTI at **+49 (0)8142 6680-0** or email Sales@de.ttiinc.com.



TE Technical Support

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High Force Part Numbers

	Description	Part Number	
		Loose Piece Guarding	Side Feed Guarding (for reeled terminals)
Terminator	HF-20, High Force Terminator, 400V	2335500-1	2358697-1
	HF-20, High Force Terminator, 200V	2335500-2	2358697-2
	HV-20, High Voltage Terminator, 400V	2348822-1	2358698-1
	HV-20, High Voltage Terminator, 200V	2348822-2	2358698-2
Die Holders	HV MOD Die Holder w/Fine Adjust	2305470-1	
	HV MOD Die Holder w/o Fine Adjust For AT-66 Terminator only (Can not be used in HV-20 or HF-20 Terminators)	2326378-1	

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- Board processing equipment:
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- Web: www.te.com/fieldservice

For locations outside North America visit tooling.te.com
www.te.com/fieldservice