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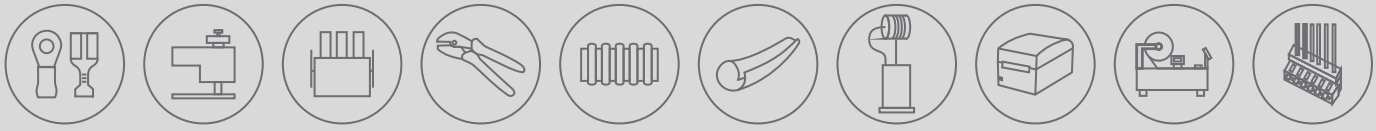

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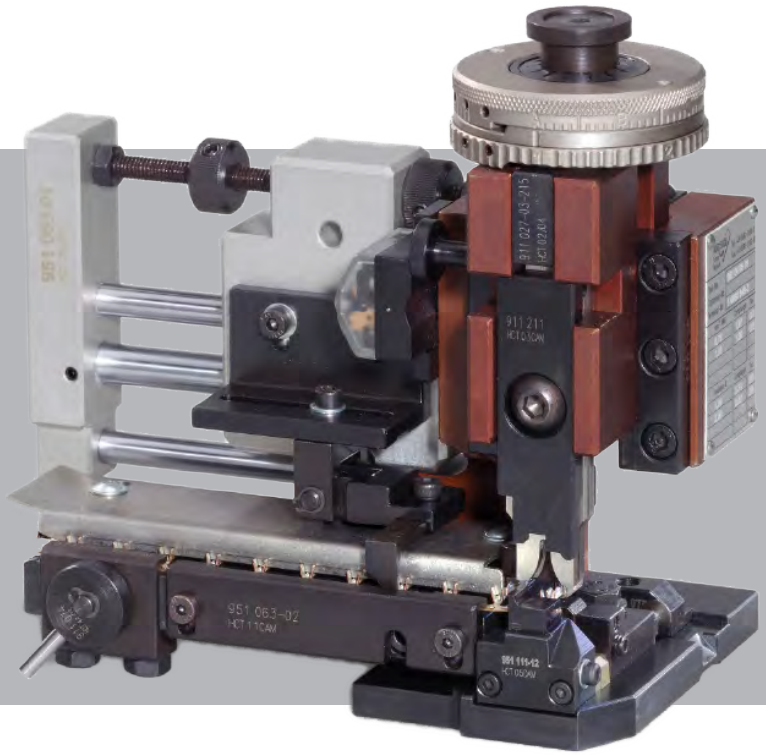
Applicators

Version 2019



Hanke Crimp Technik...FOR THE BEST CONNECTION

This slogan stays for best connections. Best connections to our customers and also best crimp connections. Hanke Crimp-Technik has more than 40 years experience in developping and manufacturing crimp presses, applicators and other equipment for the harnessmaker industries. Hanke Crimp-Technik employs more than 260 employees all over the world. Our company philosophy is based on the absolute customer satisfaction and a cooperation based on partnership. Our development realizes the ideas with use of the most modern CAD technology into technically practicable products. With CNC centers of the latest generation we produce our economical and high-quality products in Germany and Slovakia. Our companies of course are certified according to DIN EN ISO 9001. We serve customers in the most different markets like upplier of the automobile and commercial vehicle industry, machines and equipment construction, house equipment and communication, as well as electrical and electronics industry. With Hanke Crimp-Technik equipment you process terminals as individual contact or in ribbon form. To obtain a first impression about the variety of our products, we have compiled this product catalogue. You have special wishes for your processing, you do not hesitate to demand us. In the last 40 years we have developed and manufactured some special machines for our customers.

Applicators

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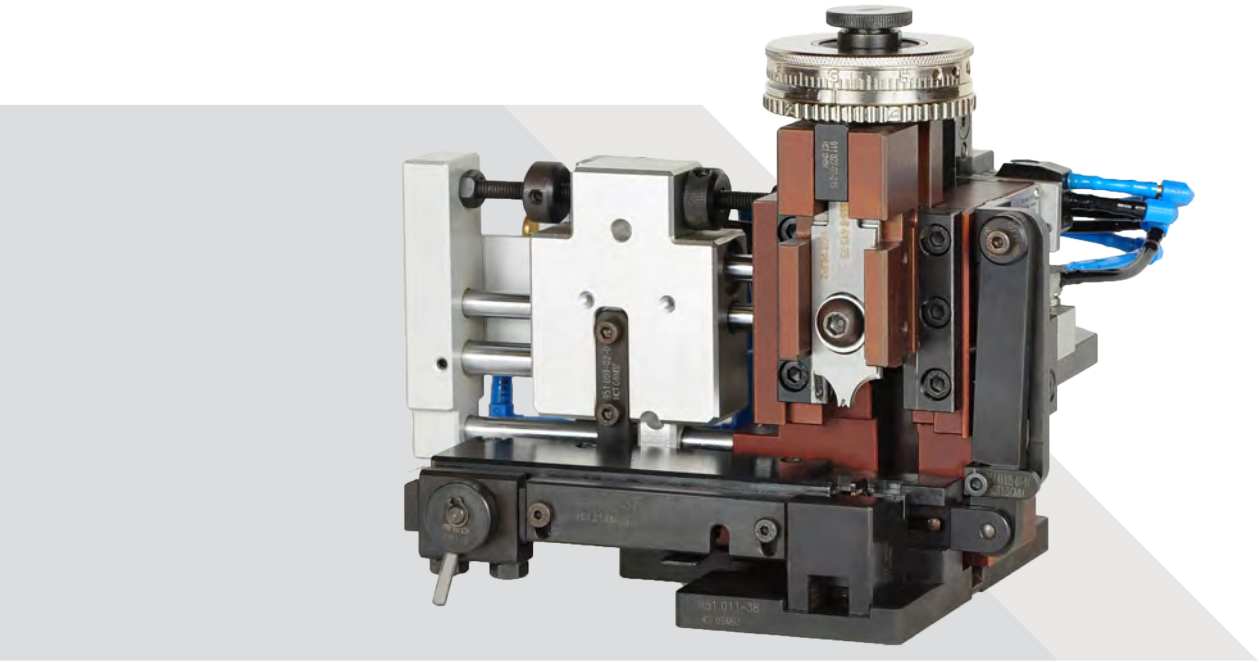
GLOBAL – STAR 951S Center Crimp



Designed for short stripping lengths

Stripping lengths play a big role in processing sheathed multi-core cables. To avoid signal interference it is essential to minimize the stripping length of the sheathed cable. The Center-applicator has been designed for this very usage, to close the distance between jacket and crimp process.

Technical precision

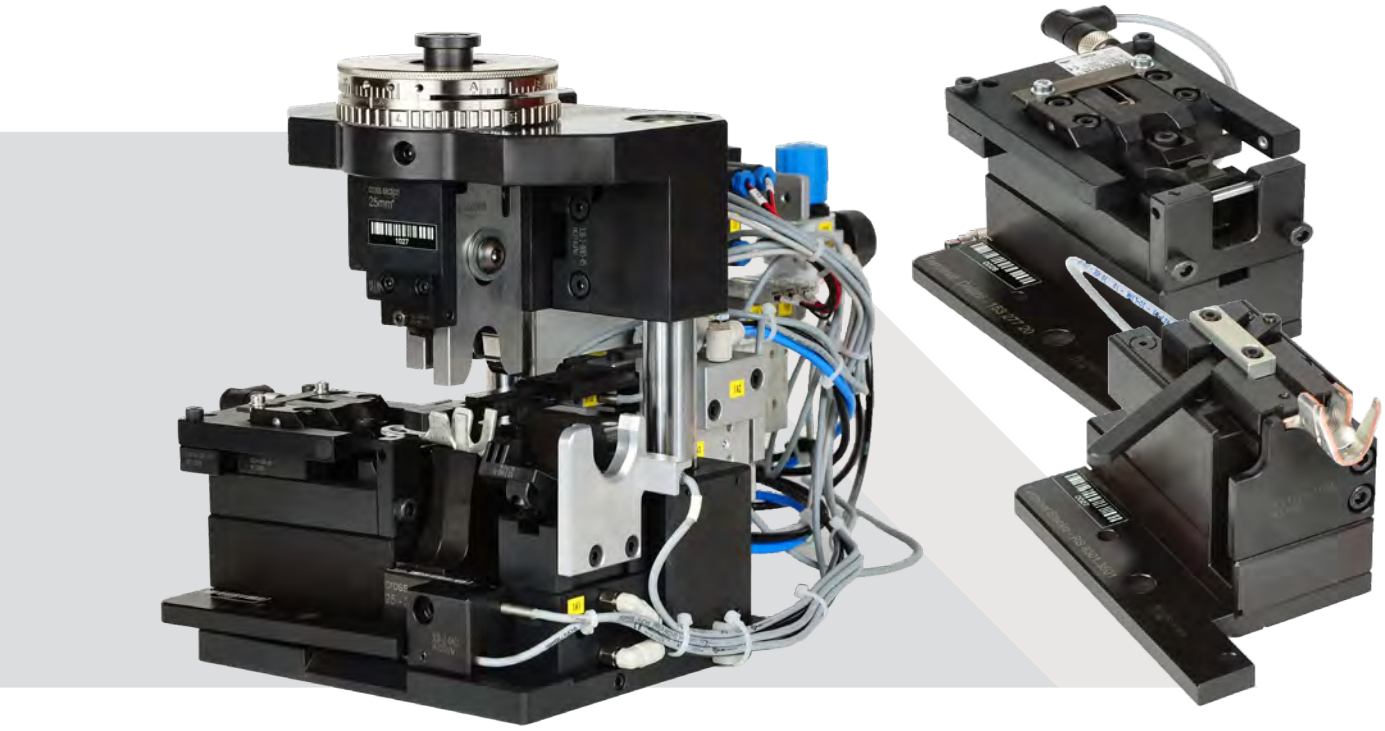
Center-technology is based on cam guided mechanism. To guarantee shorter stripping lengths the position of the cable is fixed in the applicator. The terminal that is positioned above the anvil is then transported upwards. This procedure is able to process stripping lengths of up to 6.5 mm (dependent of the terminal), thus providing the shortest stripping length on the market.

Flexible usage

The Center-applicator is compatible with the Hanke STRIPMATIC 944-35 DL and all common fully automatic crimping machines. Typical application is the processing of sheathed multi-core cables on split cycle presses. The applicator is optimized for small terminals for cross-sections between 0.08 mm² and 2.50 mm².

Technical Data upon request

POWER CRIMP 938 IBS



Modularity

The modular cartridge system allows quick set-up times for processing multiple terminals without complicated and time consuming applicator change. A module consists of upper and lower cartridge, terminal fixture and if needed cable fixture. Originally designed for intelligent battery systems, the POWER CRIMP 938 IBS is now versatile usable for many applications.

Communication in use

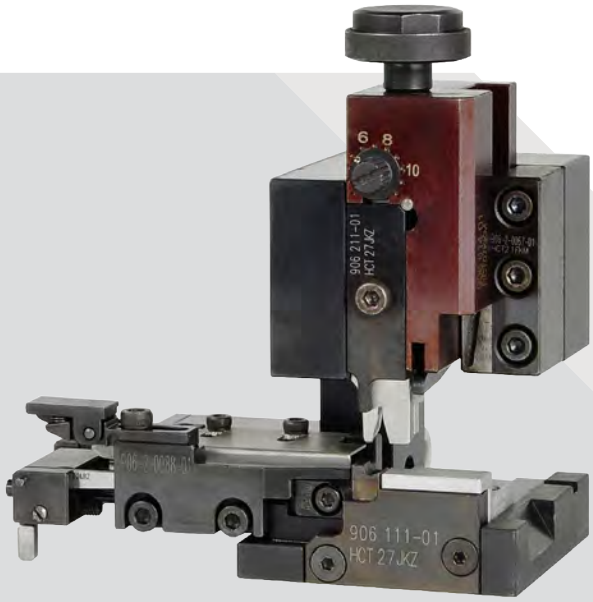
The Optional bar-code scanner captures each module so that only with the correct combination the process is approved. Via an OPC/UA interface data can be received or sent to higher-level systems.

Applications

The POWER CRIMP938 IBS is only usable in combination with the CRIMPMATIC 971 IBS, which is equipped with light curtain and optional bar-code scanner. Aside from crimping modules there is a variety of other applications, for example bending.

Technical data upon request

PICO – STAR 906



Technical Data:

wire cross section:.....0.03 – 0.5 mm²

feed: .....pneumatic

feed length: .....1 – 22 mm

closing height: .....68.4 mm

stroke: .....22 mm

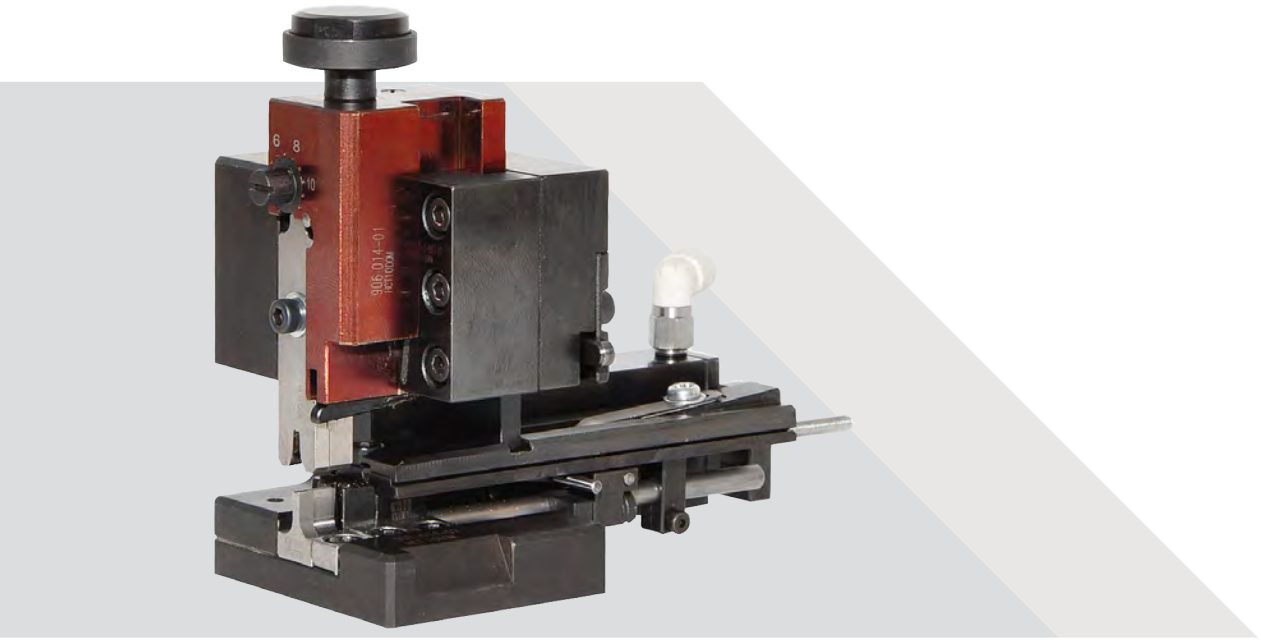
compress-air connection: .....5 – 8 bar

weight: .....1 kg

dimensions (W x D x H): .....95 mm x 60 mm x 110 mm

The PICO-STAR applicator series has been developed especially for rocessing miniature terminals. Can e ordered as side feed with pneumatic feed system for processing reeled terminals. Suitable for the use in the crimp press STRIPMATIC 966.

PICO – STAR 907



Technical Data:

wire cross section:.....0.03 – 0.5 mm²

feed: .....pneumatic

feed length: .....1 – 22 mm

closing height: .....68.4 mm

stroke: .....22 mm

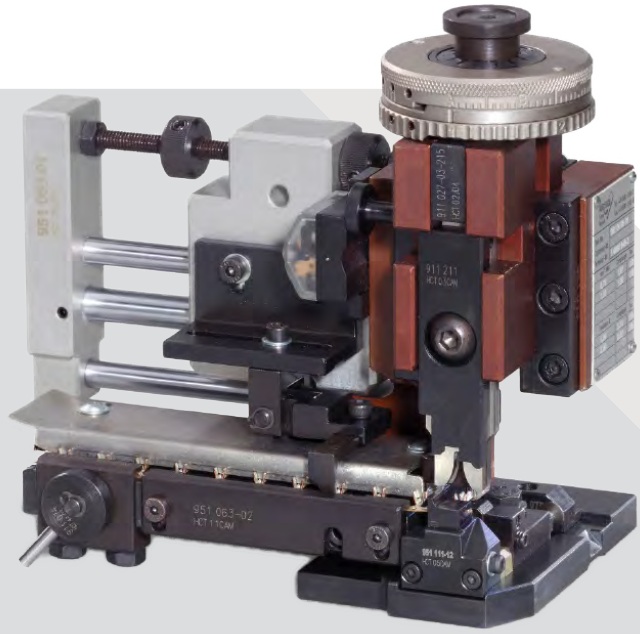
compress-air connection: .....5 – 8 bar

weight: .....1 kg

dimensions (W x D x H): .....65 mm x 130 mm x 90 mm

The PICO-STAR applicator series has been developed especially for rocessing miniature terminals. Can e ordered as end feed with pneumatic feed system for processing reeled terminals. Suitable for the use in the crimp press STRIPMATIC 966.

GLOBAL – STAR 951



Technical Data:

wire cross section:.....0.08 – 6 mm²

feed: .....pneumatic

feed length: .....1 – 40 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

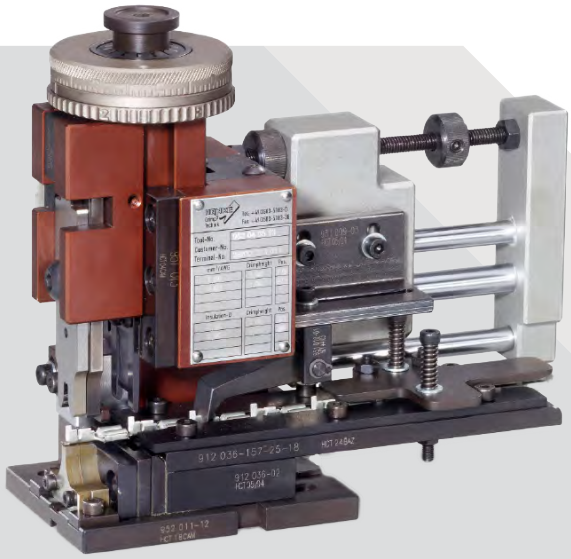
compress-air connection: .....5 – 8 bar

weight: .....4 kg

dimensions (W x D x H): .....180 x 100 x 150 mm

Side feed applicator for strip terminals with pneumatic feed system. The basic body is made of aluminum.

GLOBAL – STAR 952



Technical Data:

wire cross section:.....0.08 – 6 mm²

feed: .....pneumatic

feed length: .....1 – 40 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

compress-air connection: .....5 – 8 bar

weight: .....4 kg

dimensions (W x D x H): .....90 x 160 x 150 mm

End feed applicator for strip terminals with pneumatic feed system. The basic body is made of aluminum.

Advantages GLOBAL – STAR Applicator

1. INNOVATION Terminal strip guide and Pneumatic feed

- error-free run due to smooth, regular feed
- feed speed adjustable via throttle valve
- easy adjustment of feed length and position
- no force effect of feed on crimp force monitoring
- terminal feed step length > 25 mm (up to 35 mm) possible
- simple and easy mounting of the applicator in the press, because no feed mechanic has to be drawn back
- pneumatic feed is completely integrated in applicator, which means:
  - one connecting flexible tube, no free tubes
  - short type of construction, because cylinder is integrated in applicator
  - compact construction, because valve and compressed air are integrated in applicator
- simple adjustment of table (bell-mouth), by means of:
  - it's not necessary to dismount the applicator of the press
  - no clamping screw has to be loosened for adjustment

2. Wearing parts:

- crimp dies, anvils and shear blades are accessible from the front and can be changed without taking the applicator out of press
- anvil is split in wire and insulation area, consequently:
  - optimal construction material for insulation anvil (hard, cutting) and wireanvil (ductile, crimping)
  - in case of wear (i.e. wireanvil), only one part has to be changed
  - both sides of the insulationanvil can be used for cutting (two blade edges)

3. Re-set to other terminals:

- re-set time < 10 min, because modular design
- crimp dies can be changed separate or together with pressing block
- lower wearing parts (anvil, blades) can be changed as a complete unit
- terminal strip guide is completely changeable

This means for you:

- ☑ considerable cost saving
- ☑ low training effort for toolsetter
- ☑ shortest times for re-set and setting
- ☑ best conditions for trouble-free run
- ☑ no special hand-tools necessary, in case of maintenance

GLOBAL – STAR 951 EK.90

Technical Data:

wire cross section:.....0.08 – 6 mm²

closing height: .....135.78 mm

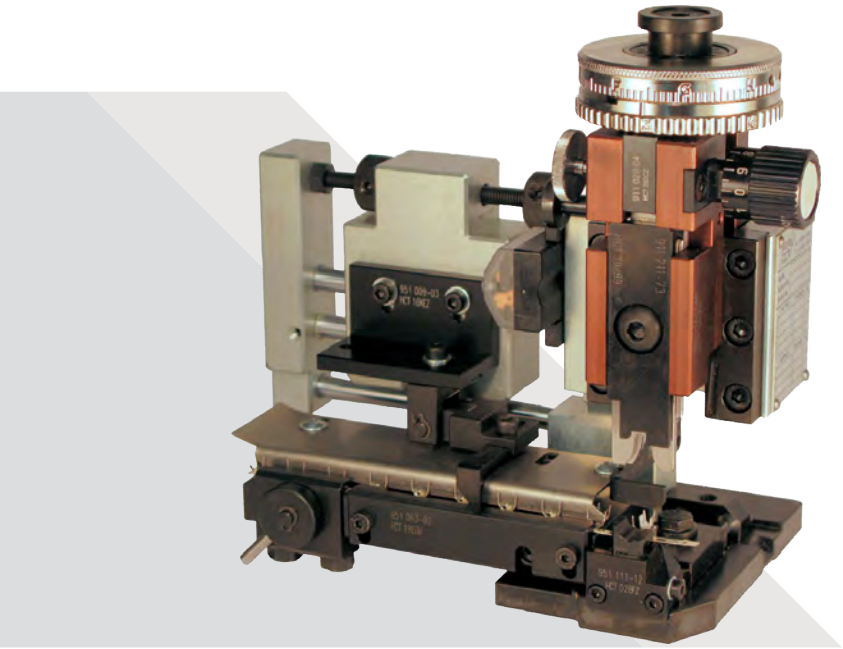
stroke: .....40 – 44 mm

weight: .....2.8 kg

dimensions (W x D x H): .....105 x 100 x 150 mm

Applicator for loose piece terminals. For a rational production of parallel connections and branches. LED's, resisitors, sensors, coils, square pins or ire(s) can be connected with each other. The materials to be processed can omfortabely be inserted from the front nd from both sides. The applicator serially comes with two conductor clamping units.

GLOBAL – STAR 951/DCHV



Technical Data:

wire cross section:.....0.08 – 6 mm²

feed: .....pneumatic

feed length: .....1 – 40 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

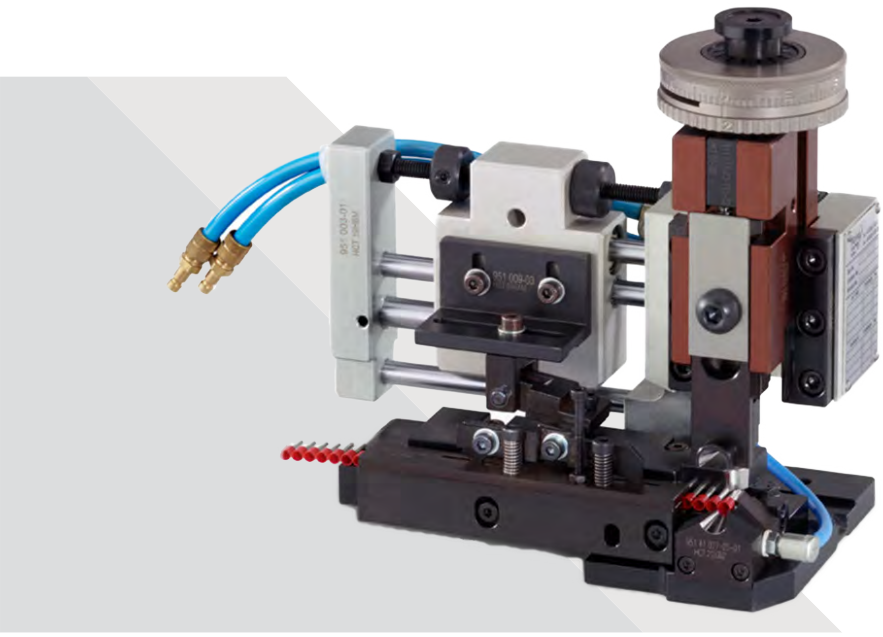
compress-air connection: .....5 – 8 bar

weight: .....4 kg

dimensions (W x D x H): .....180 x 100 x 150 mm

Side feed applicator for strip terminals with pneumatic feed system. Especially for terminals with a third barrel, e. g. stabilization barrel or a second insulation barrel. The applicator has a third user-friendly adjustment unit. Basic body made of aluminum.

GLOBAL – STAR 951/VAEH



Technical Data:

wire cross section:.....0.25 – 6 mm²

feed: .....pneumatic

feed length: .....1 – 40 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

compress-air connection: .....5 – 8 bar

weight: .....4 kg

dimensions (W x D x H): .....180 x 100 x 150 mm

Side feed applicator for endless trapped ferrules with plastic collar with pneumatic feed system. The applicator has build in a funnel, thus it is possible to push an insulated wire into the ferrule, without splicing the wire. The movement of the funnel occurs mechanical (a press with split cycle mode is necesarry). For every cross section a kit is obtainable, including funnel and spare parts.

GLOBAL – STAR 952/90

Technical Data:

wire cross section:.....0.35 – 6 mm²

feed: .....pneumatic

feed length: .....1 – 40 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

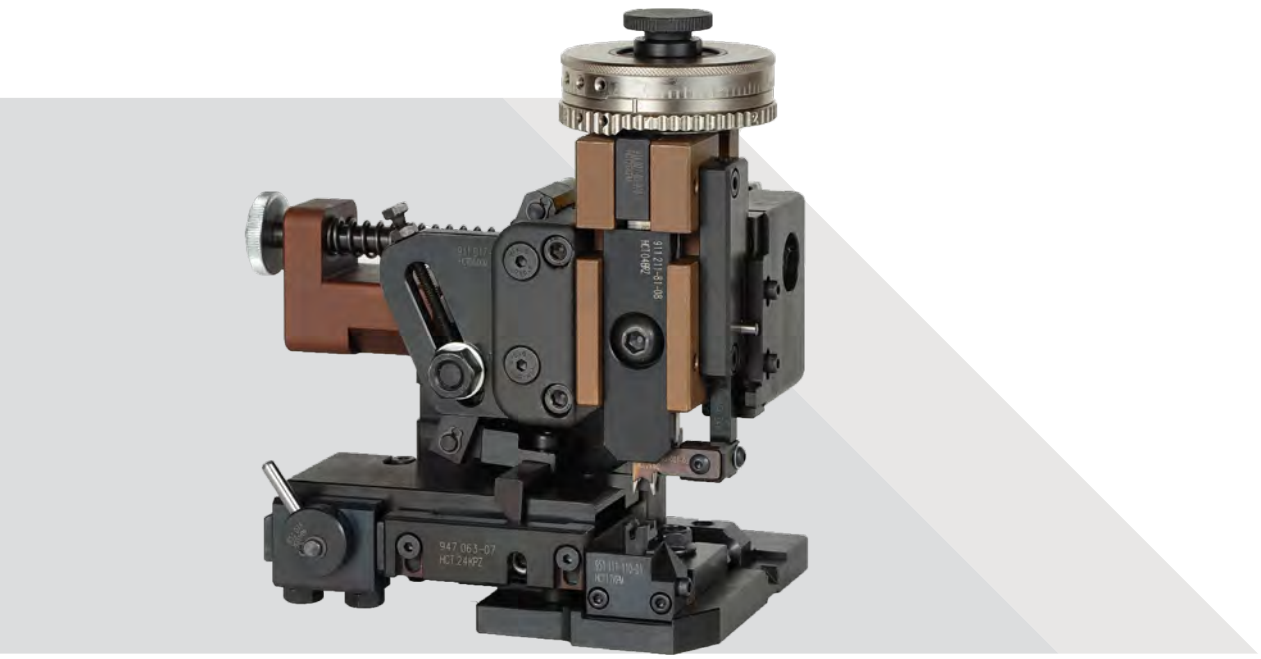
compress-air connection: .....5 – 8 bar

weight: .....4 kg

dimensions (W x D x H): .....90 x 160 x 150 mm

Crimp applicator with end feed for processing end and parallel connectors which are arranged in an angle of 90°.

QUICK – CRIMP 947



Technical Data:

wire cross section:.....0.08 – 6 mm²

feed: .....mechanical feed

feed length: .....1 – 27 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

weight: .....4 kg

dimensions (W x D x H): .....170 x 160 x 150 mm

Side feed applicator for strip terminals with mechanical feed system.

QUICK – CRIMP 948

Technical Data:

wire cross section:.....0.08 – 6 mm²

feed: .....mechanical feed

feed length: .....1 – 30 mm

closing height: .....135.78 mm

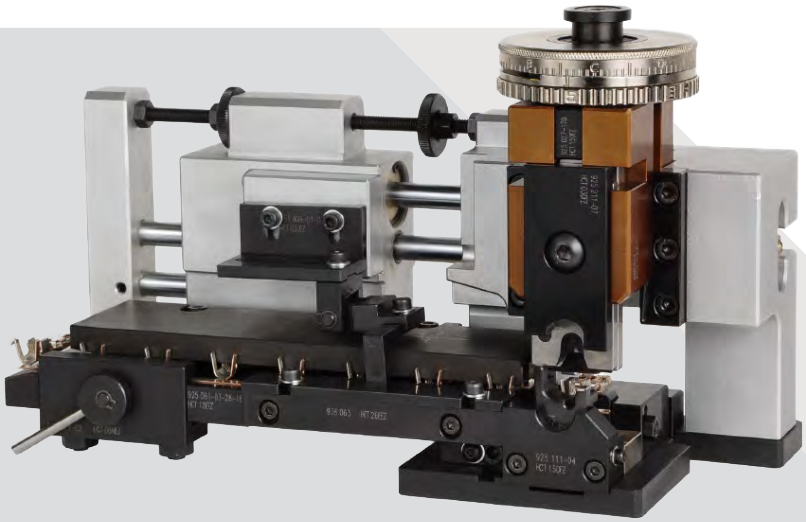
stroke: .....40 – 44 mm

weight: .....4 kg

dimensions (W x D x H): .....90 x 160 x 150 mm

End feed applicator for strip terminals with mechanical feed system.

POWER – CRIMP 925



Technical Data:

wire cross section:.....max. 16 mm²

feed: .....pneumatic

feed length: .....1 – 60 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

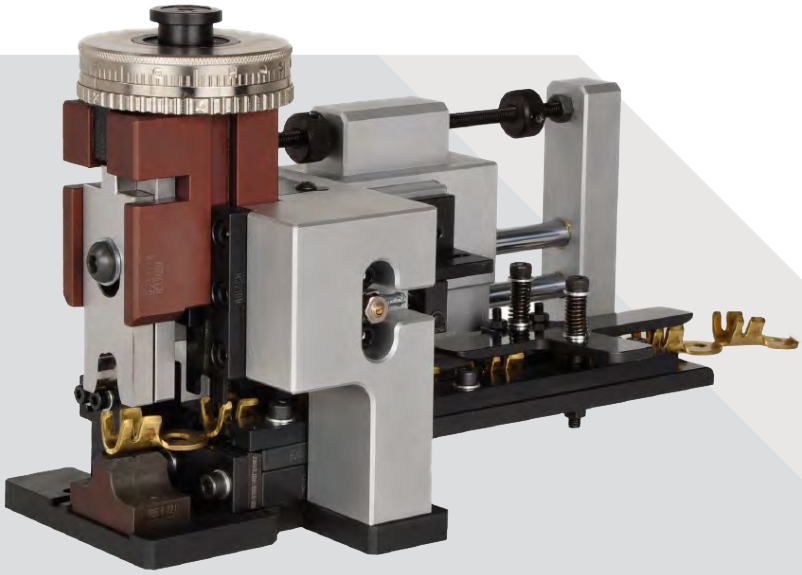
compress-air connection: .....5 – 8 bar

weight: .....7.5 kg

dimensions (W x D x H): .....280 x 115 x 150 mm

Side feed applicator for strip terminals with compact pneumatic feed system for medium cross sections. Applicable in crimp presses with a closing height of 135,78 mm.

POWER – CRIMP 926



Technical Data:

wire cross section:.....max. 16 mm²

feed: .....pneumatic

feed length: .....1 – 60 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

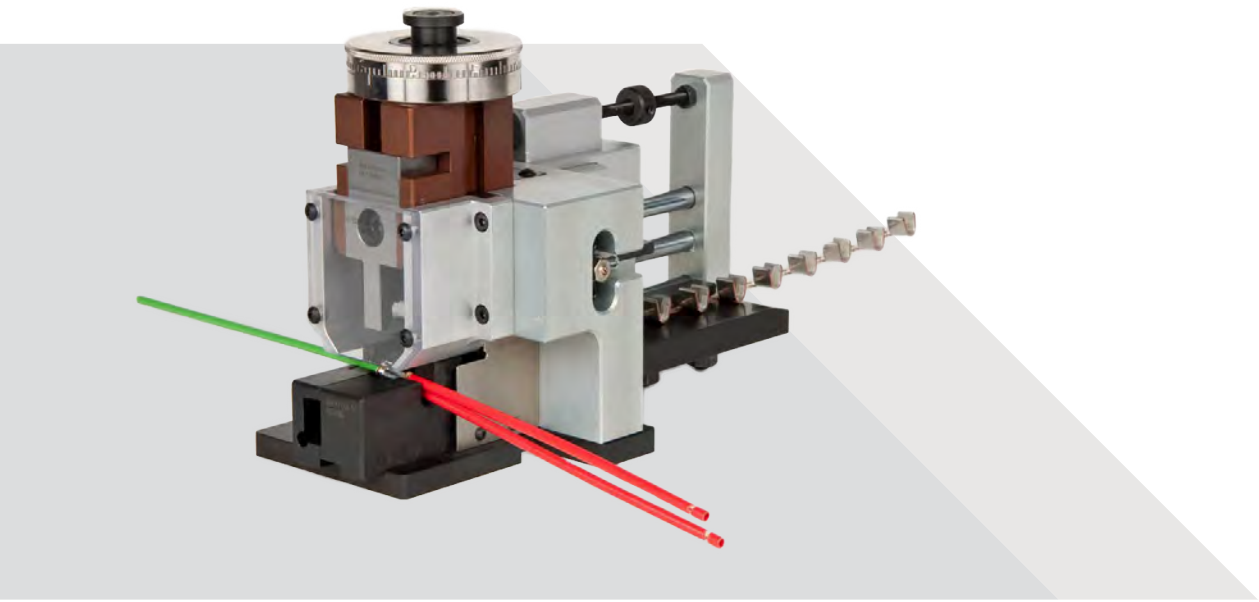
compress-air connection: .....5 – 8 bar

weight: .....7.5 kg

dimensions (W x D x H): .....120 x 170 x 150 mm

Length feed applicator for strip terminals with compact pneumatic feed system for medium cross sections. Applicable in crimp presses with a closing height of 135.78 mm.

POWER – CRIMP 926/90



Technical Data:

wire cross section:.....max. 16 mm²

feed: .....pneumatic

feed length: .....1 – 60 mm

closing height: .....135.78 mm

stroke: .....40 – 44 mm

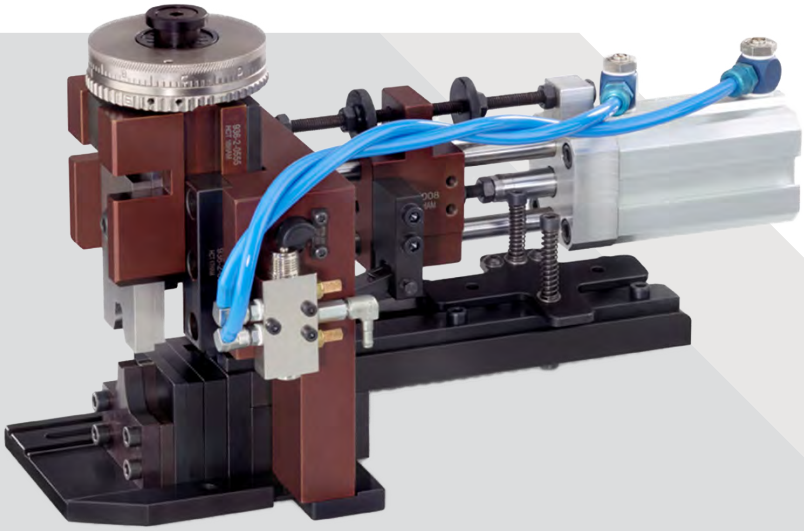
compress-air connection: .....5 – 8 bar

weight: .....7.5 kg

dimensions (W x D x H): .....120 x 170 x 150 mm

End feed applicator for strip terminals with compact pneumatic feed system for medium cross sections. Applicable in crimp presses with a closing height of 135.78 mm.

POWER – CRIMP 935



Technical Data:

wire cross section:.....16 – 50 mm²

feed: .....pneumatic

feed length: .....1 – 70 mm

closing height: .....158.4 mm

stroke: .....44 mm

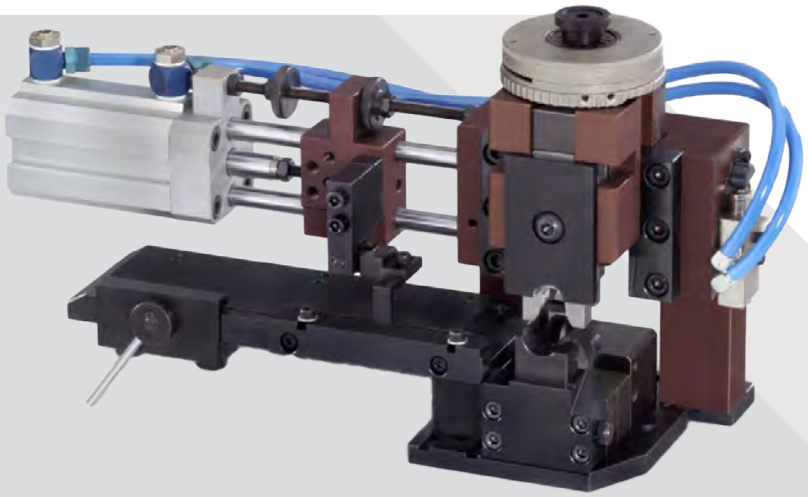
compress-air connection: .....5 – 8 bar

weight: .....8 kg

dimensions (W x D x H): .....110 x 310 x 180 mm

End feed applicator for strip terminals with pneumatic feed system.

POWER – CRIMP 936



Technical Data:

wire cross section:.....16 – 50 mm²

feed: .....pneumatic

feed length: .....1 – 70 mm

closing height: .....158.4 mm

stroke: .....44 mm

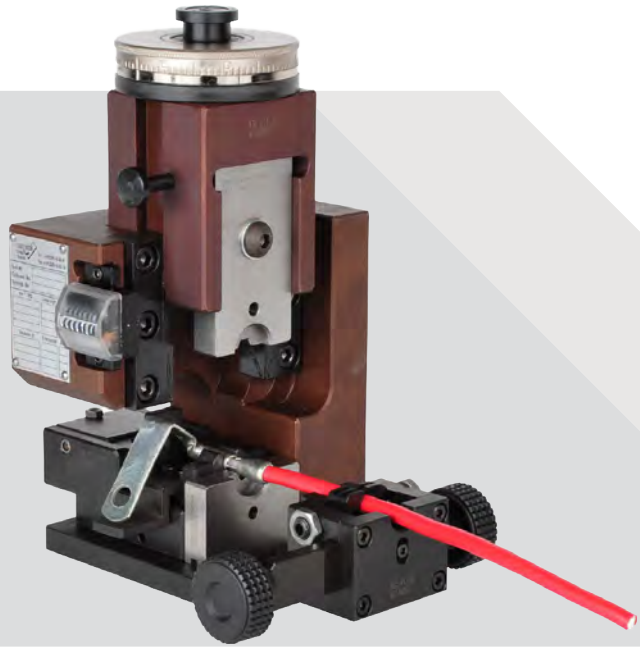
compress-air connection: .....5 – 8 bar

weight: .....8 kg

dimensions (W x D x H): .....110 x 310 x 180 mm

Side feed applicator for strip terminals with pneumatic feed system.

POWER – CRIMP 935/EK-R



Technical Data:

wire cross section:.....max. 50 mm²

closing height: .....158.4 mm

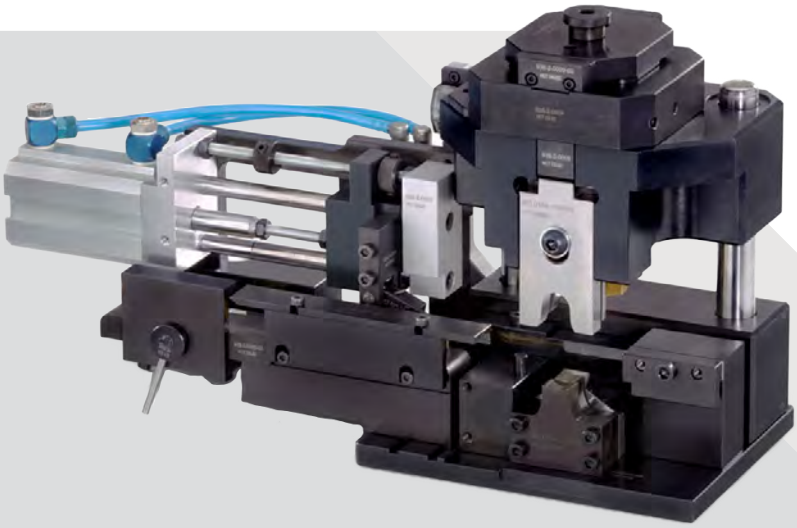
stroke: .....44 mm

weight: .....approx. 6 kg

dimensions (W x D x H): .....326 x 128 x 127 mm

Applicator for cable lugs, with spring mounted cable lug fixture.

POWER – CRIMP 938



Technical Data:

wire cross section:.....70 – 100 mm²

feed: .....pneumatic

feed length: .....1 – 70 mm

closing height: .....183 mm

stroke: .....44 mm

compress-air connection: .....5 – 8 bar

weight: .....12 kg

dimensions (W x D x H): .....250 x 140 x 195 mm

Side feed applicator with column guide for strip terminals with pneumatic feed system.

POWER – CRIMP 938/BK

Technical Data:

on request

Applicator for loose piece terminals, e. g. battery clamps with hexagonal crimp

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