



AUTOMATED WELDING TORCH PACKAGES GAS-COOLED

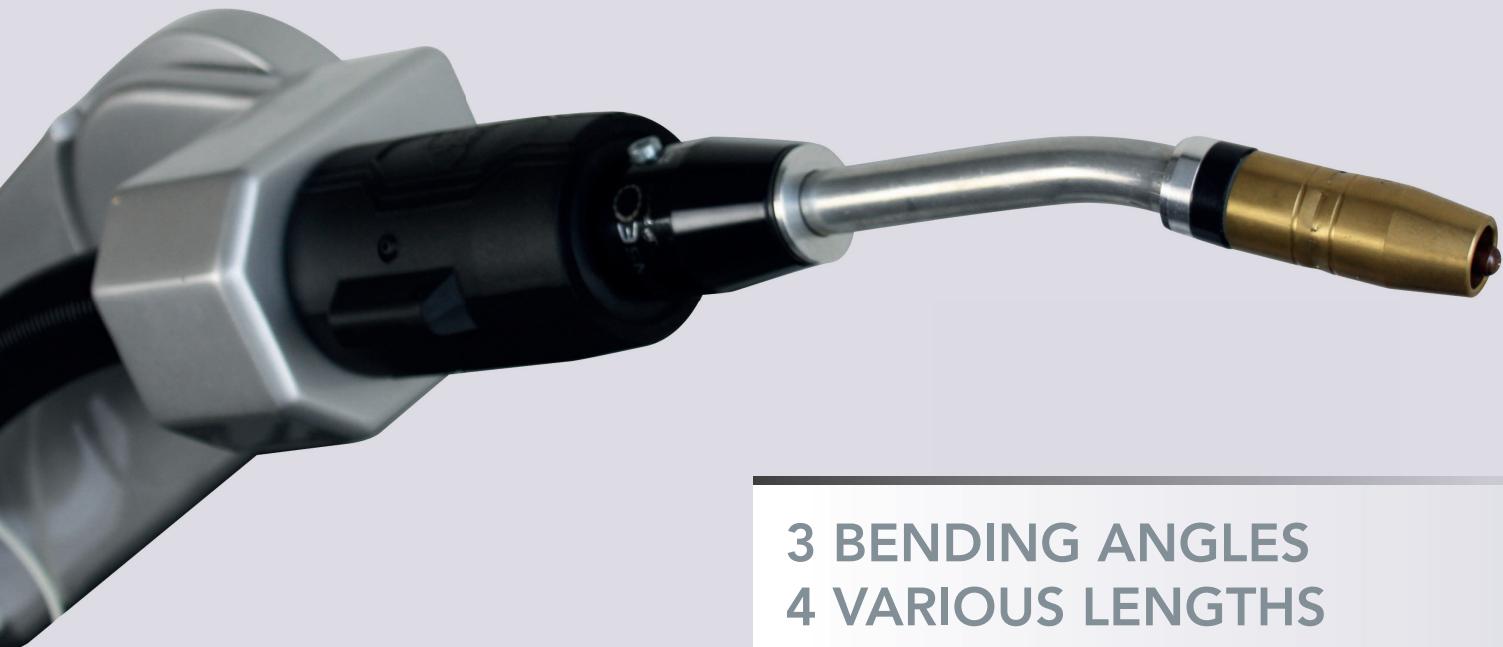


The pinnacle of gas-cooled welding:

- ▶ Simple installation ensures low downtime costs
- ▶ Customized configuration thanks to a wide selection of welding gun and wear parts
- ▶ Less required inventory space thanks to compatible wear parts
- ▶ High warpage stability and TCP stability in the welding gun ensures precise weld seams
- ▶ Fast liner change thanks to QUICK LOAD™ Liner
- ▶ Long lifetime thanks to high-quality materials and patented TOUGH LOCK™ contact tip



TOUGH GUN™ TA 3 FOR HOLLOW WRIST ROBOTS



**3 BENDING ANGLES
4 VARIOUS LENGTHS**

STRONG PERFORMANCE

The design of the TOUGH GUN™ welding torch incorporates low repair and downtime costs. Thanks to the significant increase in the copper proportion in the supply line, it is possible to operate under a load of up to 385 A at a duty cycle of 100%. This makes the TOUGH GUN™ a go-to choice and a useful alternative to liquid-cooled solutions in many fields of application.

HIGH STABILITY

The welding gun feature maximum warpage stability and reproducibility thanks to the use of high-quality materials, even after a robot collision.

The double-layered cover hose consists of an extremely heat-resistant inner hose and a durable outer hose that offers protection from high loads and UV radiation, ensuring a long lifetime and maximum production reliability.

TOUGH GUN™ CA 3 FOR CONVENTIONAL ROBOTS



CUSTOMIZED CONFIGURATION

We offer the welding gun in various lengths and bending angles as well as a wide selection of nozzle fittings, contact tips and gas nozzles. This allows you to configure your gas-cooled torch package perfectly for your application's needs. The individual parts are mutually compatible, which significantly reduces inventory requirements.

Gas-cooled TOUGH GUN™ welding torches are designed for truly top-end performance.

These premium welding torches feature maximum precision and TCP accuracy, durability, welding result reproducibility, long lifetime, low downtime costs, minimal maintenance effort and high efficiency.

TOUGH LOCK™ WEAR PARTS

The wear parts feature high-quality material selection and a high-precision fit. This ensures an outstanding current transfer. The large contact surface ensures better heat dissipation and extends the lifetime of wear parts.



The QUICK LOAD™ liner reduces the time it takes for a liner change by up to 50%. The liner is changed from the front, right through the welding gun liner. The process is easy, fast and avoids long downtimes. Separating the equipment and wire feeder is not necessary.



In the AutoLength™ connection, a spring ensures that the liner and contact tip always have precise contact and the wire is transported evenly regardless of the length or bend in the equipment. This minimizes downtime and prevents quality problems stemming from an incorrect liner length.



The TOUGH LOCK™ contact tips have double threading. Once one end is used up, simply turn them by 180°, secure them back in place and continue welding-benefit from twice the lifetime compared to conventional contact tips.

CONFIGURATION MADE TO MEASURE

Your path to the gas-cooled TOUGH GUN™ automated welding torch package:

1 GAS-COOLED WELDING TORCH

Welding gun liners in various lengths, bend angles and with performance up to 385 A

2 BRACKET AND SUPPLY LINE

For conventional robots (CA3 models) or robots with a hollow shaft (TA3 model) with lengths up to 4.5 meters

3 SHOCK SENSOR

Collision protection for fast robot shutdown and recovery after deflection is always included in TOUGH GUN™ packages

4 OPTIONS:

Configure your package with a wire brake and blow-out function



Two strong partners that form the perfect match

Tregaskiss offers gas-cooled high-performance welding torches and is one of the market leaders in North America. DINSE exclusively sells high-performance gas-cooled products, meaning this cooperation provides a perfect addition to its premium portfolio.

For users, this collaborative effort means that they can now get everything from a single source. The gas-cooled Tregaskiss automated welding torches are sold exclusively by DINSE product advisors under the name DINSE by Tregaskiss™. The DINSE team of experts provide advising and technical support directly on site.

METZ 52x
THE SLIM ONE



METZ 59x
THE ACCESSIBLE ONE THE ALLROUNDER



METZ 57x
THE ALLROUNDER



METZ 54x
THE CLASSIC ONE



METZ 56x
THE COOL ONE



METZ 58xx
THE PRECISE ONE



METZ 64xx
THE DIRECT ONE



METZ 55xx
THE POWERFUL ONE



Do you prefer liquid-cooled welding?
Discover the DINSE
fantastic eight.

Your dealer:



DINSE is your dependable partner for the entire welding process.
Contact us and schedule an appointment for personal consultation today.
Together with you we will find the best solution for your application.



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