



+PlusLine **MANUAL WELDING TORCHES**

New!

Premium DINSE torch technology of the
the 330 and 304 series:
First-class performance and cooling

- + same wear parts
- + same expansion and convert options
- + innovative, robust and ergonomic handle design

= **+PlusLine**

DIX MZ 304.PLUS **DIX M(Z) 330.PLUS**

NEW HANDLES FOR OUR MANUAL
WELDING TORCHES 304 AND 330:
OPTIMIZED TORCH TECHNOLOGY IN A
NEW LOOK



DINSE
PREMIUM QUALITY

The inner workings of the DINSE PlusLine consist of the optimized torch technology of the 330 and 304 series, guaranteeing the proven DINSE top quality and also allowing the same wear parts to be used.

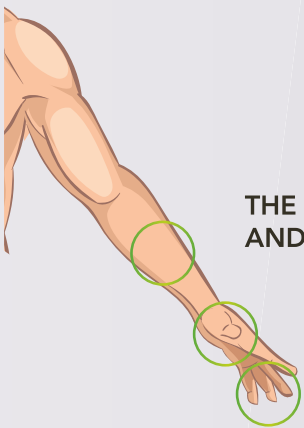
-  EXCELLENT COMPONENT ACCESSIBILITY
-  WEAR PART COMPATIBILITY
-  PARTICULARLY EFFICIENT COOLING
-  POWERFUL THANKS TO HIGH DUTY CYCLE
-  MINIMAL WEAR AND TEAR
-  DURABLE, LOW-MAINTENANCE AND EASY TO REPAIR
-  SEPARATE SHIELDING GAS GUIDE
-  LONG SERVICE LIFE AND MAXIMUM PRODUCTIVITY



ERGONOMICS IN TOP FORM

In the development of the new PlusLine handles, the focus was primarily on ergonomics with the aim of minimizing the strain on the forearm, hand and fingers during the welding process.

At the same time, the torch should sit well in the hand in any holding position.



THE LOADS ON FOREARM, HAND AND FINGERS ARE MINIMIZED

DEVELOPED WITH EXPERTS

Together with ergonomics experts, a shape was developed with which the hand is always outstandingly supported.

Based on numerous tests with welders from the field, we have continuously adapted, optimized and further developed the shape - resulting in the innovative PlusLine handle.

The rubberized grip, extra grip on the button, a good balance, the slim shape and a modern, even design without annoying interfering edges characterize the PlusLine handles.

EXTRA GRIP
by extra ripples
on the button

GOOD BALANCE
Manual welding torch
does not tilt forward

MODERN DESIGN
WITHOUT INTERFE-
RING EDGES

**DIFFERENT BUTTON
VARIANTS**

**HIGH APPLICATION
COMFORT DUE TO
ERGONOMIC SHAPE**

The torch always lies perfectly in the hand - no matter in which position the torch is held

**EVENT
MORE GRIP**
thanks to
rubberized surface

OUR BALL JOINT RETHOUGHT

FOR MAXIMUM FLEXIBILITY

The PlusLine joints, which can move in all directions, consist of several elements and allow excellent handling in all directions and movement and around all axes.

This means that the torch can also be moved into many different positions with little effort.

If necessary, the ball chain of the ball joint can be reordered individually as a spare part - a repair of the ball joint is done in no time.

Thanks to the ball joint in combination with the ergonomically shaped handle shells and the decoupled sheath, stresses are minimized even in almost acrobatic positions.

QUALITY WITHOUT COMPROMISE

The new PlusLine housing types make work easier and relieve the welder - for example, in static forced postures, in challenging positions or when welding over a longer period of time.

The PlusLine handles are of course characterized by the usual DINSE quality: Durability, robust material and high resilience.

**SLIMMED DOWN
HANDLE AREA**
can be guided very
precisely even with thick
leather gloves

**DIFFERENT POSITIONS
WITH LITTLE EFFORT**
thanks to ball joint with
integrated kink protection

**LIMITATION OF THE
RANGE OF MOTION**
Protection against overben-
ding of the kink protector

NEW HANDLE COMPATIBLE WEAR PARTS

ECONOMICAL REPAIRS AND EXPANSIONS TO MEET DEMAND

Among the quality criteria that distinguish DINSE is its outstanding economy.

The various components can be replaced individually when worn. This makes the sets low-maintenance and easy to repair.

In addition, our manual welding torches can be adapted to their individual requirements with a wide portfolio of different wear parts.



ALL WEAR PARTS
OF THE 304 AND
330 SERIES ARE
COMPATIBLE WITH
THE PlusLine

CONNECTORS

FOR GAS-COOLED APPLICATIONS



DINSE
Connector

Euro
Connector

FOR LIQUID-COOLED APPLICATIONS



DINSE
Connector

Euro
Connector

GAS NOOZLES & GAS DIFFUSER

Gas nozzles in different lengths and diameters according to your requirements

Robust trapezoid thread for ideal heat transfer
Easy replacement of the gas nozzle - even after many welding applications

Laminar gas flow without turbulence thanks to elaborated gas diffuser geometry

CONTACT TIPS

Perfect fit for optimum current transfer

Selected alloying components minimize wear



You will find an overview of all suitable wear parts in our product catalog MANUAL.

INDIVIDUALLY ADAPTABLE



STANDARD

2 BUTTONS

4 BUTTONS

MAIN KEY
ON TOP

Configure your torch exactly for your needs. The manual welding handle grips can be adapted to your individual requirements.

For the design of the covering cap you can choose between four different variants.

This allows you to start the welding process on the upper button, regulate the welding current directly on the torch or switch between different welding programs during the process.

All variants of the pushbuttons can be retrofitted.

Each of your welding programs requires a specific torch?
Or you want to be able to track who in the team owns which manual welding set?



CUSTOMIZED BRANDING

Personalize the cap or metal ring of the PlusLine



This is no problem with the individual marking options of the PlusLine: Both the cap on the top and the metal ring on the handle can be customized on request - just contact us.

+plusLine

TECHNICAL DATA

Performance data DIN EN 60 974-7		
MZ 304.PLUS	450A/60% ED CO2	500A/60% ED Mixed gas
M 330.PLUS	270A/60% ED CO2	300A/60% ED Mixed gas
MZ 330.PLUS	320A/60% ED CO2	400A/60% ED Mixed gas

Article numbers for the individual products can be found in our product catalog MANUAL.



Your DINSE Partner:



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



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