



**STPACUSTER**  
GROUP

# Catalogue 2024

*Your partner in HDPE-welders,  
generators, plastic fittings and  
installer tools*



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## INTRODUCTION ACUSTER GROUP

**ACUSTER Group**, specialists in the development of technical solutions, manufacturing of machinery and elements for big projects, as well as in the worldwide distribution of our products.

**ACUSTER Group** well known for being leaders in introducing new technologies in the market, such as the introduction of polyethylene accessories nationally, also for developing improvements for existing solutions, such as the design and manufacture of the first combined machine in the world for electrofusion welding and butt welding. Our aim is always to anticipate market evolution and meet the final user's needs.

## OUR FACTORIES



**ACUSTER GLOBAL, S.L.** Mechelen, Belgium  
Production of own range of electro fusion welding machines



**TRACON International B.V.** Zaltbommel, The Netherlands  
In-house production of standard and tailor-made repair clamps



## OUR BRANCHES



### **STP ACUSTER North Europe n.v.**

Sales of machines, tools and fittings. In-house service center. Benelux and Scandinavian areas.



### **STP ACUSTER Latvia**

Sales of plastic fittings and welding machines for Latvian and Baltic countries.



### **STP ACUSTER South Africa**

Sales of plastic fittings and welding machines in South Africa.



### **STP ACUSTER Czech Republic**

Sales of plastic fittings and welding machines for CZ Republic and Central European countries.

## INTRODUCTION NORTH EUROPE, MEMBER OF ACUSTER GROUP

STP ACUSTER North Europe nv has been a manufacturer and supplier for 42 years of butt and electrowelding equipment for connecting HDPE pipes dia. 25mm up to 1600mm. In addition to our welding equipment, we also have a wide range of tools and supplies for the treatment and preparation of HDPE pipes for the construction of gas, water and telecommunication networks.

A wide range of our welding machines can be found in the "List of approved welding machines" published by Synergrid.

The company STP ACUSTER North Europe has several technicians in Belgium, Luxembourg, France and Germany who take care of the annual inspection and testing of our welding equipment. These services are performed in our service center in Mechelen (Belgium), as well as on site at the construction sites with our service vehicles.

Our service center in Mechelen is equipped to repair and inspect our welding equipment, both mechanical and electronic.

Annual inspection and inspection can be carried out within 5 days after telephone appointment. In the event of minor defects, you can always contact us and have them immediately carried out by the mobile services or make use of our wide range of loaner devices.



## SPRINTER, OUR SERVICE “ON THE FIELD”

Our range of service vehicles consists of 1 Vito van and 1 Sprinter van. The Vito is used for quick on-site repairs and also for the delivery and collection of new and repaired machines. This car is equipped with a Track & Trace system that ensures that the exact travel times and recovery times are calculated during invoicing. Printouts of this system are always available for inspection by our customers. This Vito is equipped with a basic package of parts for the repair of both butt and electrofusion machines.



Our second service car is a fully equipped Sprinter. This service car is equipped with a wide range of spare parts and is specially designed for the annual on-site maintenance and inspection of both our butt- and electro-welding machines. Equipped with Track & Trace and can be used for the entire Benelux. The sprinter has its own power supply (15kVA) and rental welding equipment to enable the user to continue welding during the inspection.



Current issue date: 15 April 2021  
Expiry date: 30 April 2024  
Certificate identity number: 10352484

Original approval(s):  
ISO 9001 - 5 April 2011

# Certificate of Approval

This is to certify that the Management System of:

## STP Acuster North Europe nv

Antwerpsesteenweg 275 gate 2-3 ,2800 Mechelen, Belgium

has been approved by Lloyd's Register to the following standards:

### ISO 9001:2015

Approval number(s): ISO 9001 – 0037028-003

This certificate forms part of the approval identified by approval number: 0037028

**The scope of this approval is applicable to:**

Service, hire and sales of equipment and products for distribution piping systems.

**Daniel Oliva Marcilio de Souza**

Area Operations Manager - South Europe

Issued by: Lloyd's Register Quality Assurance España, S.L.U.

for and on behalf of: Lloyd's Register Quality Assurance Limited



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**BEAT TRv2 – GL178106**



*Solid electrofusion computer with traceability. Comes with steel transport case.*

*Thanks to the scanner and the simple operation, the ideal solution for your welding work up to dia. 400mm.*

*Manufactured in a solid metal housing and equipped with USB.*



- \* **Range:** Ø 16 mm – Ø 400 mm
- \* **Power mains :** Nominal 230 V
- \* **Consumption :** 3000 W max.
- \* **Barcode:** Scanner
- \* **Certification :** Synergrid
- \* **Weight:** 21 kg
- \* **Powergenerator:** Min. 4.5 kVA
- \* **Accessoires:** adapters 4 + 4,7mm
- \* **Optional:** Scanner + GPS

**BEAT HFv2 – GL178107**



*This "HEAVY DUTY" electrofusion computer welds upto 1200mm diameters. Its solid steel housing and internal cooling makes it the ideal partner for the construction site. Equipped with traceability and readability via USB. Welding current 110 Amps. Extra-large display LCD with backlight. Supplied in wooden transport case.*

- \* **Range :** Ø 16 mm – Ø 1200 mm
- \* **Power mains :** Nominal 230 V
- \* **Consumption:** 5000 W max.
- \* **Barcode:** scanner
- \* **Certification:** Synergrid
- \* **Weight :** 22 kg
- \* **Powergenerator:** 6 kVA
- \* **Accessoires:** adapters 4 + 4,7mm
- \* **Optional :** Scanner



**BEAT MV2 – GL178109**

*Electrofusion computer with scanner. Manufactured in a solid steel housing. Manual entry of welding date and setting.*

- \* **Range:** Ø 16 mm – Ø 400 mm
- \* **Power mains :** Nominal 230 V (185 V-245 V)
- \* **Consumption:** 3000 W max.
- \* **Weight :** 21 kg
- \* **Dimensions:** 430 mm x 280 mm x 180 mm
- \* **Powergenerator:** Min. 4.5 kVA
- \* **Accessoires:** adaptors 4 en 4.7 mm



**BEAT MV2 + scanner – GL178108**

*The electro welding computer BEAT MV2 was specially designed for the installer, for the electro welding of PE fittings for pipe with range up to 400mm and for HDPE. The BEAT MV receives the relevant data by manual input of voltage and time, or using barcode scanner.*



- \* **Range:** Ø 16 mm – Ø 400 mm
- \* **Power mains :** Nominaal 230 V
- \* **Consumption:** 3000 W max.
- \* **Weight:** 21 kg
- \* **Dimensions:** 430 mm x 280 mm x 180 mm
- \* **Powergenerator:** Min. 4.5 kVA
- \* **Accessoires:** Scanner / Wireless scanner

**LITTLE BEAT – GL578002**



*Super handy little electrofusion computer.  
Fully integrated in steel case. Suitable for welding fittings up to diameters 110 mm and some brands up to 160 mm.*

*Perfect solution for the installer.  
Welding data can be entered manually and via scanner.*

- \* **Range:** 8-42 V (dia 110)
- \* **Power mains :** Nominal 230 V (± 10 %)
- \* **Consumption:** 1800 W  
(resistance < 0.85 Ω)
- \* **Weight:** 13 kg
- \* **Dimensions:** 390 mm x 240 mm x 160 mm
- \* **Powergenerator:** 3 kVA
- \* **Accessories:** adaptors 4 en 4.7 mm
- \* **Opties:** Scanner

**LITTLE BEAT PLUS - GL578050**



*Super handy little electrofusion computer.  
Fully integrated in steel case. Suitable for welding fittings up to diameters 110 mm and some brands up to 160 mm.*

**With registration** of welding data.  
*Welding data can be entered manually and via scanner.*

- \* **Range:** 8-42 V (dia 110)
- \* **Power mains :** Nominal 230 V (± 10 %)
- \* **Consumption:** 1800 W  
(resistance < 0.85 Ω)
- \* **Weight :** 13 kg
- \* **Dimensions:** 390 mm x 240 mm x 160 mm
- \* **Powergenerator:** 3 kVA
- \* **Accessories:** adaptors 4 en 4.7 mm
- \* **Optional:** Scanner

## POLYCONTROL/TWIN 90 – 200

The Polycontrol 90-200 is a combination welding machine in which the user can electroweld up to dia. 315mm and can also butt weld up to a diameter of 200mm. Equipped with traceability and made of stainless materials. Ideal for use on site. Due to its OPEN DRIVER SYTEM it is always possible to add new types of pipe and diameters



- \* **Range:** E/F 25-315 mm, buttwelder 90-200 mm
- \* **Power mains:** Nominal 230 V
- \* **Consumption:** 5300 W max.
- \* **Barcode:** Scanner
- \* **CERTification:** Synergrid
- \* **Weight:** Basic frame 33 kg, Polycontrol 30 kg, Heater14 kg, Trimmer 23 kg
- \* **Powergenerator:** Min. 6 kVA
- \* **Optional:** switchbox, custom clamps, scanner



POLYCONTROL

GL178603



BASIC FRAME

GL578405



CLAMPS DIA 90 MM  
 CLAMPS DIA 110 MM  
 CLAMPS DIA 125 MM  
 CLAMPS DIA 160 MM  
 CLAMPS DIA 180 MM  
 CLAMPS DIA 200 MM

GL578725  
 GL578461  
 GL578462  
 GL578463  
 GL578437  
 GL578465



HEATING PLATE with SUPPORT

GL578415



TRIMMER with SUPPORT

GL578410

## SMARTBOX / DYNAMIC 90 - 200

*This butt weld computer is specially designed for butt welds up to dia. 200mm. Equipped with traceability and made of stainless materials. Ideal for use on site. Due to its OPEN DRIVER SYTEM it is always possible to add new pipe types and diameters.*



- \* **Range:** 90-200 mm
- \* **Power mains:** Nominal 230 V
- \* **Consumption:** 3500 W max.
- \* **Barcode:** Scanner
- \* **Certification:** Synergrid
- \* **Weight:** Basic frame 33 kg, Polycontrol 30 kg, Heater 14 kg, Trimmer 23 kg
- \* **Powergenerator:** Min. 6 kVA
- \* **Optional:** switchbox, custom clamps, scanner



SMARTBOX

GL178606



BASIC FRAME

GL578405



CLAMPS DIA 90 MM  
 CLAMPS DIA 110 MM  
 CLAMPS DIA 125 MM  
 CLAMPS DIA 160 MM  
 CLAMPS DIA 180 MM  
 CLAMPS DIA 200 MM

GL578725  
 GL578461  
 GL578462  
 GL578463  
 GL578437  
 GL578465



HEATING PLATE with SUPPORT

GL578415



TRIMMER with SUPPORT

GL578410

**ODS TRACK AUTOMATIC till 630mm**



*This ODS machine is the most compact butt welding equipment on the market for butt welding up to and including 630 mm.*



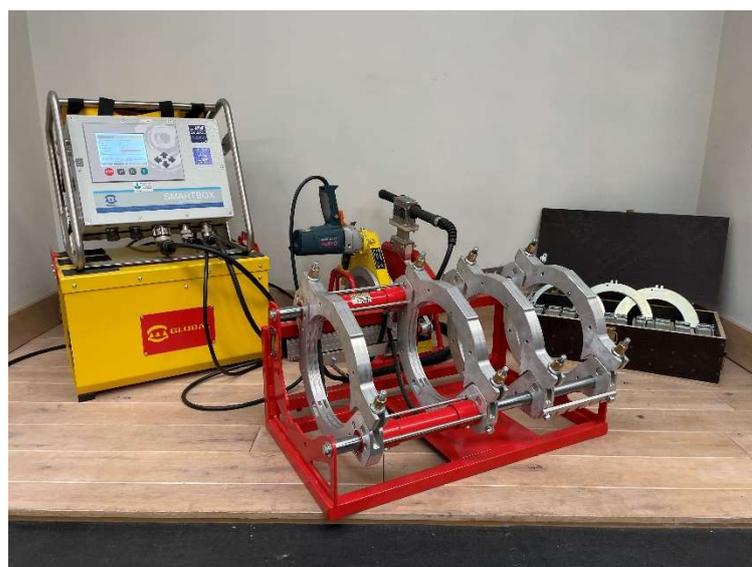
*These machines are also equipped with the traceability system. Can be controlled by both Smartbox and Polycontrol.*

**COMPLETE MACHINE DATA FOR BUTT FUSION**

MODEL	T-160	T-250	R-315	R-400	R-500	630
Voltage (Vac)	230 (Mono-phasic)				400V	400V
Machine total power (kW )	2.25	3.66	3.7	4.7**	5.45**	8.45**
Generator advisable minimum power (VA)	3000	4500	6000	7000	7500	8500
Net weight w/o pipe adapters (kg)*	75	95	190	177.6	211	407
Net weight w. pipe adapters (kg)*	87	119	250	212.6	414	691

\* without Fusion box

\*\* to avoid that the high consumption of the heating plate and the trimmer goes through the fusion box, these two models are provided with a Connection Box that is used to supply a direct voltage of 230Vac to both components. For further information refer to the *User Manual*.



**TRACK RANGE v2 upto 1200mm**

<b>TRACK 160</b>	<b>40 - 160 mm</b>
<b>TRACK 250</b>	<b>63 - 250 mm</b>
<b>TRACK 315</b>	<b>90 - 315 mm</b>
<b>TRACK 400</b>	<b>110 - 400 mm</b>
<b>TRACK 500</b>	<b>200 - 500 mm</b>
<b>TRACK 630</b>	<b>315 - 630 mm</b>
<b>TRACK 800</b>	<b>500 - 800 mm</b>
<b>TRACK 1000</b>	<b>450 - 1000 mm</b>
<b>TRACK 1200</b>	<b>630 - 1200 mm</b>



**BENCHWELDER 40-160 (AC577100) / 160-250 (AC577101)**

*Standard equipment includes: Basic machine with pressure system, electric planer with clamping system and safety sensor, steel transport/table case, removable welding mirror, set of inserts of dia. 40mm to dia. 160 mm, set of reduction shells dia. 40-50-63-75-90-110-125-160 mm, dia.56 and 140 mm are also available to order.*



- RANGE : dia. 40 mm till dia. 160 mm / (Type 250 mm also available)
- Materials to be weld : HDPE , PP other thermoplastics
- Weight base machine : 54.5 kg (incl. all accessoires: 90kg)
- Dimensions : 550x800x660 mm
- Moving cycle distance : 130 mm
- Maximum power : 1.46kW – 230 Volt – 50/60 Hz

**BENCHWELDER ZHSN-400 / GL578910**

*Standard equipment includes: Basic machine with CNC printing system, electric planer with clamping system and safety sensor, welding mirror, set of inserts of dia. 90mm to dia. 400 mm, set of reduction shells for producing T-pieces and bends up to 90° are also available to order.*



- Range : dia. 90 mm till dia. 400 mm
- Materials to be weld : HDPE , PP other thermoplastics
- Power : 400V 3fase



**POLY SOCKET WELDER – GL578920**

*The Poly Socket welding machine is equipped with a sliding base with self-centring clamps for any pipe or fitting. The heating element is easily removable for manual use to perform welding. Welding is done in a semi-automatic way thanks to the built-in suspension system. The machine is supplied in a steel transport case that can also be used as a table in front of the machine. Standard equipment includes: machine, detachable welding mirror, steel transport case, pipe support tripod, set of heating heads for welding mirror of dia. 50mm to dia.110mm.*



- Range : dia. 32 mm till dia. 125 mm
- Materials to be weld : HDPE , PP other thermoplastics
- Weight basic machine : 49,5 kg (incl. all accessoires 80 kg)
- Dimensions : 520x720x360 mm Transport case : 600x800x850 mm
- Maximum power : 1,4kW / 230 Volt / 50-60 Hz

**ALEXANDER I – NE400005010**

*Avoid high repair costs on your welding equipment caused by external power supply. Generator developed in consultation with the welding machine manufacturer. With air-cooled Honda engine!*



- \* **Generator kVA max:** 6
- \* **Generator kVA cont.:** 5.4
- \* **Amps. Cont.:** 23A at 1 ~ 230V
- \* **Dimensions L x B x H:**  
83 x 51 x 56
- \* **Weight:** 75 kg
- \* **Engine:** Honda GX390
- \* **Alternator:** Syncro

**AGGREGATE**

*kVA max:* 7  
*kVA cont.:* 6  
*Ampere (continu):* 26A at 230V  
*Dimensions:* 83x51x56 cm (l x b x h)  
*Dry weight :* 85 kg

**ENGINE**

*Type:* Honda GX390  
*Horsepower :* 11  
*Consumption :* 8.2 kW (3000 tpm),  
 1-cylinder, fuel, aircooled  
*CC :* 389 cm<sup>3</sup>  
*Fuel consumption @75% :* 2.7 liter/h  
*Fuel tank :* 25 liter  
*Autonomy @75% last:* 9.25 hour  
*Soundlevel:* 76dB(A) @ 7m

**ALTERNATOR**

*Type:* Sincro EK2LAT - brushless  
*Power supply :* 1-230V  
*Frequency:* 50 Hz  
*Protection rate :* IP23

**VERSION:**

- ✓ Time – relais protection : Power supply activated after approx 1 min when alternator is stable and engine is hot
- ✓ Volt measurement indicator
- ✓ Differential protection
- ✓ Earth leak protection pin
- ✓ 2 plugs 230V

**EP 7000 – NE400005005**

*EPOWER standard generator with HONDA aircooled engine, 3000 tpm, 50Hz, singlefase*

- \* **Generator kVA max:** 7
- \* **Generator kVA cont.:** 6
- \* **Amps. Cont.:** 26A at 1 ~ 230V
- \* **Dimensions L x B x H:** 83 x 51 x 56
- \* **Weight:** 80 kg
- \* **Engine:** Honda GX390
- \* **Alternator:** Syncro



PLASTIC FITTING SHOP MECHELEN



# STPACUSTER

## PLASTIC FITTING SHOP





**STPACUSTER**  
NORTH EUROPE

## EF FITTINGS

EF  
FITTINGS



End cap



Elbow 90°



Elbow 45°



Male transition socket



Tee 90°



Reducer



Female Saddle



Tapping Saddle

# SPIGOT FITTINGS AND FLANGES



**STPACUSTER**  
NORTH EUROPE

## SPIGOT FITTINGS AND FLANGES



Stub end



Reducer



Tee 90°



End cap



Flange PP



Segment bend



Elbow 90°



Elbow 45°

# STP COMPRESSION FITTINGS



## COMPRESSION FITTINGS



Elbow 90°



End cap



Coupler



Female Tee 90°



Valve PE-PE



Flange



Reducer Elbow 90°



Fixation Key

# PVC PLIMAT FITTINGS



## PVC FITTINGS



End cap



Elbow 90°



Elbow 45°



Transition Elbow 90°



Tee 90°



Reducer



Stub Flange



Flange

# GRIFFON PRODUCTS



GR WDF-05 Bottle  
500 ml



HT-120 Flacon 500 ml



PVC Cleaner 500 ml



GR Universal  
Siliconenvet  
Transparent 15 g Tube



GR Vaseline 125 g Tube



PE Cleaner Flacon 1 l



GR UNI-100 XT CAN 5 l



GR S-39 320 ml



GR Vaseline 1 kg Pot

# HOT-AIR WELDING TOOLS FOR PLASTIC

LEISTER



Triac AT



Welding rods



Tubular nozzle



Speed welding nozzle



Tacking nozzle



**ALU FLIGHT CASE POLY/SMART  
ALU FLIGHT CASE BEAT 2012**

**GL578655  
GL578656**

Aluminium cases optional for Smartbox, Polycontrol, BEAT TR, BEAT 2, BEAT HF. Provided with 2 locks.



**TEMPERATURE METER STIFT 204°C  
TEMPERATURE METER STIFT 218°C**

**NE400014001  
NE400014002**

Provides easy measuring of the heating plate temperature.

**SILVER MARKER PEN**

**NE400013001**

Specially designed to write on HDPE pipes.

**DIGITAL TIMER**

**NE400028001**

For the use on manually operated welders for registrating welding time. Count down option.



**WRECHETKEY**

**NE400023001**

To fix the pipes in the clamps of buttwelders.

**T-KEY**

**NE01011400**

To install the clamps on the buttwelding machines.

[OPTIONAL SMART 90-200](#)  
[OPTIONAL POLY 90-200](#)



**GAUGE TRIMMER BLADES**

**NE400004001**

Calibrater for blades adjustment on trimmer.

[OPTIONAL SMART 90-200](#)  
[OPTIONAL POLY 90-200](#)



## PIPE SUPPORT CHART

NE400001001

Mobile support for HDPE pipes. Fixed around the pipes with 2 straps.



## GALVA PIPE ROLLER

NE400039001

Solid pipe roller to support HDPE pipes till 315 mm. Supplied with closed ground plate.



## GRIFFON HDPE CLEANER (12 x 1 liter)

STS041000PEH

For the cleaning of HDPE pipes and fittings to prepare the weld surfaces.

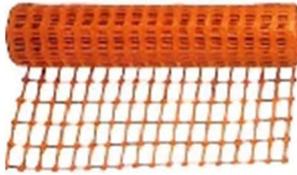


## TRIANGLE ACC NVL XX2296-09 EANDIS

NE400015012

Fully foldable, supplied in leather bag.

## TOOLS FOR HDPE INSTALLERS



### **SAFETY NET ORANGE 1Mx50M/ROL**

**NE400015010**

Ideal safety barrier of trenches or work pits to avoid accidents and irregularities.



### **PIPECUTTER Ø 50 – Ø 127 PIPECUTTER Ø 100 – Ø 170**

**NE400007001  
NE400007004**

Easy cutting tool for HDPE Pipes, prepares the pipes with straight cutting surface perfect to install inside the fittings.

### **SPARE BLADE Ø 50 – Ø 127 SPARE BLADE Ø 100 – Ø 170**

**NE400007005  
NE400007006**



### **PIPECUTTER Ø 0 – Ø 63**

**NE400007003**

Simple cutting system till dia. 63 mm. Brand RIDGID or REED.



### **HANDSAW TYPE IRWIN**

**NE400007007**

Handsaw suitable to cut HDPE pipes.



### **TIGERSAW HIKOKI with ACCU CR18DL**

**NE400007008**

Electric accu saw machine, for cutting till 200mm pipes w/o generator supply. Delivered with plastic case, 2 batteries and charger

### **Spare blade RW50B for TIGERSAW (5 pieces)**

**NE400007009**

## TOOLS FOR HDPE INSTALLERS



**UNIVERSAL ROTARY SCRAPER  
RAPTOR 02 (75-180mm) / 03 (180-  
400mm)**

**AC577225**

Manual rotary scraper for scraping HDPE pipe ends to prepare them for E/F fittings. Supplied in transport case. Easy in use due to internal fixation system. Manufactured in stainless steel parts.

**SPARE BLADE available  
AC577228**



**HANDSCRAPER**

**NE400012001**

**SET SPARE BLADES 10 pieces**

**NE400012002**



**ROTARY SCRAPER Ø 63  
ROTARY SCRAPER Ø 90  
ROTARY SCRAPER Ø 110  
ROTARY SCRAPER Ø 160  
ROTARY SCRAPER Ø 200**

**NE400018037  
NE400018038  
NE400018039  
NE400018040  
NE400018041**

Robust and easy to maintain scrapers for removing the top layer in preparation for the electrofusion.

**SPARE BLADES available**



**UNI ALIGNING CLAMP Ø 25 – Ø 63**

**NE400006006**

For fixing the pipes during electro welding. Photo is the clamp up to 63mm. Larger diameters via MULTICLAMP system.



- REROUND + ALIGNER CLAMP Ø 63**
- REROUND + ALIGNER CLAMP Ø 90**
- REROUND + ALIGNER CLAMP Ø 110**
- REROUND + ALIGNER CLAMP Ø 160**
- REROUND + ALIGNER CLAMP Ø 200**

Not only fixes the pipes during electro welding, but also ensures a perfect rerounding. Available per diameter.

- NE400006001**
- NE400006002**
- NE400006003**
- NE400006004**
- NE400006005**



- EXPANSION PLUG Double RUBBER 1"1/2 - 36/52**
- EXPANSION PLUG Double RUBBER 2"1/2 - 61/82**
- EXPANSION PLUG Double RUBBER 3"1/2 - 85/102**
- EXPANSION PLUG Double RUBBER 4" - 94/110**
- EXPANSION PLUG Double RUBBER 5" - 126/142**
- EXPANS. PLUG Double RUBBER 5"1/2 - 133/145**
- EXPANSION PLUG Double RUBBER 6" - 141/165**
- EXPANSION PLUG Double RUBBER 7" - 168/190**
- EXPANSION PLUG Double RUBBER 8" - 190/215**

- NE400009006**
- NE400009007**
- NE400009008**
- NE400009009**
- NE400009010**
- NE400009011**
- NE400009012**
- NE400009013**
- NE400009014**

For sealing pipe ends till PN16. Fixed with universal fixation key.



- ENDCAP IMPACT PROOF Ø 90**
- ENDCAP IMPACT PROOF Ø 110**
- ENDCAP IMPACT PROOF Ø 160**
- ENDCAP IMPACT PROOF Ø 200**

- NE400032004**
- NE400032001**
- NE400032002**
- NE400032003**

For temporary sealing of the pipes against dirt and water. Impact-resistant version.

## TOOLS FOR HDPE INSTALLERS



**FOAM PIG Ø 63**  
**FOAM PIG Ø 90**  
**FOAM PIG Ø 110**  
**FOAM PIG Ø 160**  
**FOAM PIG Ø 200**

**NE400019001**  
**NE400019005**  
**NE400019002**  
**NE400019003**  
**NE400019004**

For the internal cleaning of pipes. Removes sand residue and water, to be used in combination with our expansion plugs.



**ALU PULLING HEAD available from  
Ø20 Till Ø 355**

**NE4000370xx**

For pulling pipes through a directional drilling hole. Fixed on the inside of the pipe and fitted with a lifting eye. Also ensure a seal of the tube end during the pull.



**PULLING HEAD TYPE 110 SDR 17**  
**PULLING HEAD TYPE 160 SDR 17**  
**PULLING HEAD TYPE 200 SDR 17**

**GL171395**  
**GL171397**  
**GL171399**

Low cost alternative for pulling the PE pipes into the trench. Ensures perfect fixation between drawbar and excavator, also allows lateral movement. Also avoid the infiltration of dirt and sand inside the pipe while pulling.



**PRESSURE & SUCTION HANDPUMP**

**NE400021001**

Double acting hand pump for inflating and deflating Gas BAGS.



**BYPASS TYPE INFRA X**

**NE400016001**

Enables you to carry out repair work on existing pipes. Diversion of gas and water during the repair.

## TOOLS FOR HDPE INSTALLERS



### **PRESSURE GAUGE TYPE FLUVIUS**

**NE400017001**

For pressing the installed pipe network at 1.6 bar or 10 bar. Comes with extension and connection points for data logger, all packed in PVC tube for transport.



### **BYPASS TYPE FLUVIUS**

**NE400038001**

Enables you to carry out repair work on existing pipes. Diversion of gas and water during the repair. Completely delivered in strong EXPLORER case



### **DRILLING MACHINE TYPE MP310 DRILL Ø 49 MP310**

**GL141148  
GL446212**

For pressureless tapping of GF and FRIALEN tapping saddles. Supplied in plastic case, incl. aluminum adaptor, drill 49 mm and test pressure certificate. The machine is equipped with a pressure gauge, if you accidentally tap a pipe under pressure, you will immediately receive an indication. Meets Eandis specifications



### **CABLE ROL Length = 40m TKV Q83 TBK**

**NE400033001**

40 m extension cable 2.5<sup>2</sup> mm . Equipped with 3 non-rotating sockets and reset button.



### **WORKTENT FOR 2 BUTTWELDERS PZ250 2,5 X 2 X 2**

**NE400015001**

10 sec tent for use in heavy weather conditions. Manufactured from non-fire-resistant material and in yellow safety color. Supplied in a transport bag.

## TOOLS FOR HDPE INSTALLERS



### WELDER UMBRELLA

Solid field umbrella to protect user and device in rain or sun. Dia. 2.5m. Also available with footsupport.

NE400015002



### POWER BOX

Field box with 2 differential switches and 2 sockets + European connections. 10 m cable 2.5mm<sup>2</sup> with rubber plug and warning LED.

NE07070000



**NITTO TAPE BLACK 0,19mm x 50mm x 20m**  
**NITTO TAPE YELLOW 0,19mm x 50mm x 20m**  
(4 pc minimum)

NE400040001  
NE400040002

High quality PVC tape 50 mm width. Available in different colours.

### SWITCHBOX POLY/SMART

GL178050



To double butt weld production using only 1 heating plate and 1 trimmer on 2 welding computers and 2 basic frames.

Connection diagram in appendix on page 27.

OPTIONAL SMART 90-200  
OPTIONAL POLY 90-200



**SCANNER Honeywell (serial)**  
**SCANNER SICK (USB)**  
**SCANNER wireless INATHECK**

GL178085  
GL478084  
GL478091

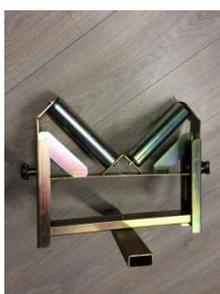
## TOOLS FOR HDPE INSTALLERS



**FUSION ADAPTORS for E/F Ø 4mm**  
**FUSION ADAPTORS for E/F Ø 4,7mm**

**GL271733**  
**GL271734**

OPTIONAL SMART 90-200  
OPTIONAL POLY 90-200



### **ADJUSTABLE "V" PIPE SUPPORT**

Adjustable pipe support in V shape, roll easy to move, height adjustable and suitable up to diameter 355mm tubes. Footsupport can be folded to save space in transport.

**AC577730**



**DESCRIPTION:**

This Easy to handle repair kit consists of 9 repair clamps. With this small box you can make repairs on any size of pipe varying between OD. 60 and OD. 170mm.

**WORKING PRESSURE:**

Pipe OD	working pressure (bar)	
	WATER	GAS
60 - 95	20	5
106 - 170	16	4

**SPECIFICATIONS:**

- Bolts** - Stainless steel AISI 304 (A2); M14 (metric thread according DIN267). Thread is PTFE (Teflon<sup>®</sup>) coated to prevent galling.
- Armour plate** - Stainless steel AISI 304, vulcanised into the gasket.
- Gasket** - NBR gasket, proper for both gas and water purposes. It has a waffle structure and tapered ends.
- Clamp width** - 200 mm.
- Total weight box** - < 22 kg
- Box dimensions** - 600 x 400 x 230 mm

Section	DN	Inch	Cast-Iron	Iron	Iron ISO-norm	PVC	Asbestos cement pipes, DIN 19800				
							PN 2,5	PN 6	PN 10	PN 12,5	PN 16
10	50	2	66	60,3	-	63	-	-	-	-	-
11	60	-	77	70	-	-	-	-	-	-	-
11	65	2 1/2	-	76,1	-	75	-	-	-	-	-
12	65	2 1/2	82	-	-	-	-	-	83	85	-
12	70	-	87	-	-	-	-	-	-	-	-
13	80	3	98	88,9	-	90	-	-	98	-	-
14	80	3	-	-	-	-	-	-	-	100	104
14	90	-	108	101,6	-	-	-	-	-	-	-
15	100	4	118	108	114,3	110	-	-	-	-	-
16	100	4	-	-	-	-	-	118	120	124	130
17	125	-	144	133	139,7	140	-	-	-	-	-
18	125	-	-	-	-	-	-	-	-	-	159
18	150	6	170	159	168,3	160	168	-	-	-	-

All mentioned working pressures on all our documents are only valid in optimum circumstances and based on document 2009.04.24.PRES-M002, please contact us for a copy of this document. Tacon International BV reserves the right to vary specifications or delete models from the range without prior notice. Tacon International BV takes no responsibility for printing errors.

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EMSA - S - TECHNICAL SPECIFICATIONS EMERGENCY REPAIR BOXES

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# ENNEX: layout switchbox duo welder



*The switchbox allows the user to use 1 heating element and 1 trimmer with 2 welding computers and 2 basic frames.*

*This ensures double production without additional load on the power generator!*

