



## ***PRODUCT CATALOGUE***

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## BUTT FUSION EQUIPMENT



### MicroMax

- weighs only 3.5 pounds (1.6kg)
- for ½" CTS to 1 ¼" IPS pipe
- comes with pipe inserts and manual facer
- the heater has a tough, non-stick coating and is equipped with a 20 ft (6m) electrical cord
- features exterior temperature adjustment and a thermostat temperature indicator



### CentreFuse 14

- easy to operate, durable and lightweight
- for 1" CTS through 4" IPS, 25mm through 110mm pipe sizes and up to 4" DIPS
- adjustable outriggers adapt to most situations, in or out of the ditch
- for easy placement the unit can be turned 90 degrees on the cart or completely removed

## BUTT FUSION EQUIPMENT



### CentrFuse28

- for 2" through 8" IPS, 50mm through 200mm, and 4" through 8" DIPS pipe sizes
- 2 stationary and 2 moving jaws provide versatility
- removable outer stationary jaw for special fusing operations
- unit is easily detached from the cart
- automatic pipe-drag compensation



### CenterFuse618

- for 6" IPS through 18" DIPS and 160mm through 500mm polyethylene pipe for gas, water, wastewater, mining, paper and pulp, and high-tech applications
- pipes can be joined at two speeds to allow fusion of the full spectrum of pipe brands and sizes
- hydraulic facer is narrow, lightweight, and pivots from the removable clamping unit
- three pressure settings: facing, heating, and fusion
- automatic pipe-drag compensation



## BUTT FUSION EQUIPMENT



### CentreFuse 1442

- accommodates 14" through 42" pipe for gas, water, mining, and high-tech applications
- capable of fusing a variety of poly-valves, flanges, and mitered elbows
- three pressure settings: facing, heating, and fusing
- automatic pipe drag compensation



### Model 2420

- for 8" IPS through 24" IPS
- electrically driven hydraulic pump
- three individual pressure zones for facing, heating, and fusion cycles



## Model 820IP (Insulated Pipe)

- for sizes 2" IPS through 8" DIPS
- easy to use and maintain
- lightweight design allows easy, in-the-ditch access



## Model 820CQ (Closed Quarters)

- for 2" IPS through 8" DIPS
- integrated side fusion adapter for in-the-ditch taps
- lightweight



## Model 820HP (Hand Pump)

- for 2" IPS through 8" DIPS
- quick release top unit for in-the-ditch butt or side fusion
- easy to maintain hand pump coupled with an accumulator powers the hydraulic system





## Model 1420EP (Electric Power)

- for 3" IPS through 14" IPS
- electrically driven hydraulic system
- three individual pressure zones for facing, heating, and fusion cycles
- quick releases for in-the-ditch work



## Model 1420CQ (Closed Quarters)

- for 3" IPS through 14" IPS
- integrated side fusion adapter for in-the-ditch taps
- lightweight



## Model 1420HP (Hand Pump)

- for 3" IPS through 14" IPS
- quick release top unit for in-the-ditch butt or side fusion
- easy to maintain hand pump coupled with an accumulator that powers the hydraulic system

## SOCKET FUSION EQUIPMENT



## HEATER TOOLS

- for use with "bolt-on" heater faces for socket and saddle fusion
- fast and efficient
- adjustable temperature from 100 to 550° F (38 to 288 ° C)
- operates on 120VAC

### TD-1A Heater Tool

- 800 Watts
- for use with ½" through 2" socket faces and all tapping tees, combination tapping-tees, high volume multi-saddles and high-volume punch tee faces

### TD-2 Heater Tool

- 1650 Watts
- for use with ½" through 4" socket faces and all tapping tees, combination tapping-tees, high volume multi-saddles, high-volume punch tees, and all branch fittings



## **SOCKET FUSION EQUIPMENT**

### **SOCKET FUSION TOOLS**

#### **Auxiliary Handles**

- attach to TD1A and TD-2 heater tools for more leverage and easier handling

#### **Socket Faces**

- bolt to TD-1A and TD-2 heater tools for fusion socket type couplings and fittings
- coated surfaces are stick-resistant

#### **Depth Gauges**

- for determining fusion depth
- for pipe sizes ½" CTS through 4" IPS

#### **Chamfering Tools**

- chamfers the outside edge of the pipe end in preparation for socket fusion
- the chamfer allows heater faces and socket fittings to be easily pushed onto the pipe
- for pipe sizes 3" and 4" IPS

#### **Combination Chamfering Tool/Depth Gauge**

- chamfers and locates the cold ring the proper distance from the pipe end
- for pipe sized ½" CTS through 2" IPS

#### **Cold Rings**

- for rounding the pipe end and assuring correct depth engagement of the heater face and socket fitting
- for pipe sizes ½" CTS through 2" IPS
- clam style available for sizes 1 ¼" through 4" IPS

#### **Socket Fitting Holder**

- provide grip and leverage on a socket fitting





## **SOCKET FUSION EQUIPMENT**

### **Fusion Faces**

#### **Tapping-Tee Face**

- bolts to TD-1A and TD-2 heater tools for joining tapping tees to the sidewall of pipe
- for pipe sizes 1 ¼" through 8" IPS

#### **Combination Tapping-Tee Face**

- bolts to TD-1A and TD-2 heater tools and combines the tapping tee face with a socket fusion face
- available for pipe sized 1 ¼" x ½" CTS through 4" x 1" IPS

#### **High-Volume, Multi-Saddle Face**

- bolts to TD-1A and TD-2 heater tools for joining high-volume, multi-saddle fitting to the sidewall of pipe
- for pipe sizes 1 ¼" IPS through 8" IPS

#### **High-Volume Punch-Tee Face**

- bolts to the TD-2 heater tool for joining branch saddle fittings to the sidewall of pipe
- available for both circular and rectangular bases
- available in IPS sizes 2" through 8" x 2"

## SQUEEZE TOOLS



### POLYSQUEEZ

- for plastic pipe
- provides quick emergency shut-off until permanent repairs can be made
- swing-out lower jaw for use in smaller trenches
- easy to handle and transport
- ½" to 16" pipe sizes
- smaller units operate mechanically, larger units use a hydraulic hand pump

### STEELSQUEEZ

- for steel pipe
- swing-out lower jaw for use in smaller trenches
- lightweight
- ¾" to 8" pipe sizes
- all models are hydraulic

### APOLLO ENGINEERING CO.



- dual bar squeeze off
- ball bearing thrust block
- heavy duty welded frame
- multiple size selection
- can be fitted with Static Electric Grounding Kit to eliminate static build up during squeezing procedure
- ½" CTS – 8" IPS

## CUTTERS

### GUILLOTINE PIPE CUTTER

- Strong but lightweight
- Accurate on 8" medium and high density plastic pipe
- Non-stick coated blade



### QUICK RELEASE TUBING CUTTER

- will cut a wide variety of plastic pipe and tubing
- excellent tracking and easy cutting
- 1 1/4" - 6"



### SHEARS FOR PLASTIC

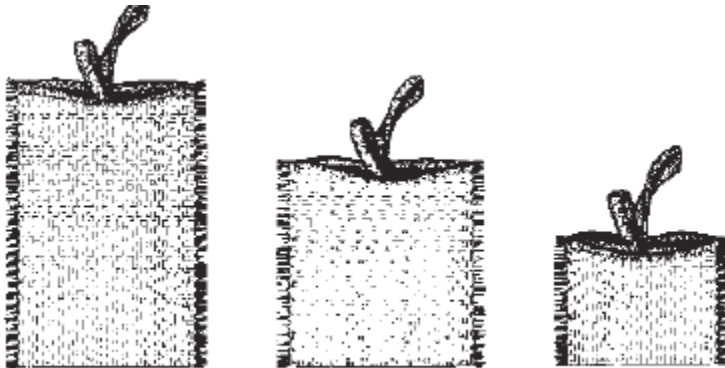
- a variety of styles available from small cutters for one hand operation to large leverage cutters up to 2" IPS
- steel blades are easily re-sharpened or replaced



## HEATER BAGS

### HEATER BAG

- protects hot heater faces from scratches
- will not burn up to 1000° F (540° C)
- contains NO ASBESTOS
- available in three sizes up to 17" x 10 ½" (430mmx265mm)



### INSULATED HEATER BAG



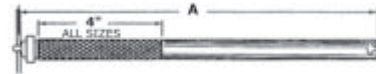
- reduces heat loss from cold temperatures and wind
- padded bottom gives added protection against damage from dragging irons over rough surfaces

## MISCELLANEOUS TOOLS

### X-PANDER SAFETY PLUGS & WRENCHES

#### X-Pander Pipeline Wrench

- all sizes of plugs may be used with the same wrench
- length "A" available in 7", 12" 18" or 24"



#### X-Pander Double Length Plug

- for use with plastic pipe
- available in sizes 3/4" through 2"



#### Standard Type "C" X-Pander Plug

- for use with steel pipe
- available in sizes 3/4" through 2"



### BULLNOSE PLUGS

- to aid with insertion of plastic pipe inside steel pipe
- available in 1/2" CTS through 2" IPS



## MISCELLANEOUS TOOLS

### ARCLESS STATIC GROUND



- effective in bleeding off the static charge which can accumulate on plastic piping and isolated metal tools and fittings
- comes in 1/2 gallon containers, 4 per carton

### TUBING BENDER



- ideal for plumbing and HVAC applications
- bends soft metal tubes of copper, steel, stainless steel, and aluminum
- chrome plated for corrosion resistance

## **RENTALS AND COURSES**

### **FUSION EQUIPMENT RENTALS**



- socket fusion equipment up to 2" IPS
- butt fusion equipment up to 42"
- daily, weekly, monthly rental rate available

### **FUSION CERTIFICATION COURSES**

- government approved certification
- hands-on training in socket fusion, butt fusion, saddle fusion and electrofusion procedures for all pipe sizes, and SDR's
- experienced instructors



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