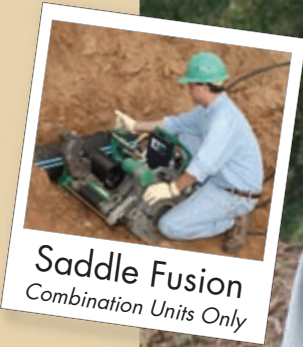




In-Ditch Fusion
All Machines

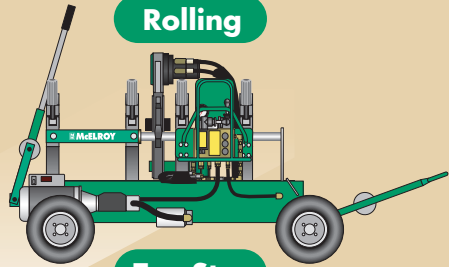


Butt Fusion
All Machines

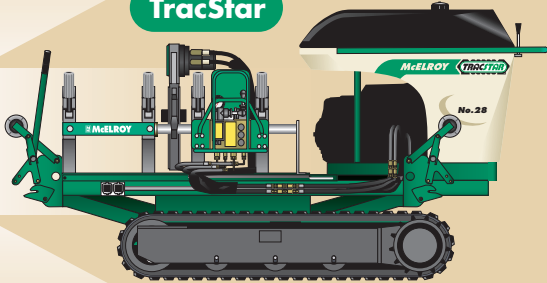


Saddle Fusion
Combination Units Only

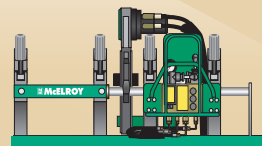
Rolling



TracStar



PitBull



INTERCHANGEABLE
JAW SET



No. 28



McElroy No.28 Machines will butt fuse pipe sizes from **2" IPS – 8" DIPS** (63mm – 225mm). All models incorporate the interchangeable No.28 carriage, which can easily be removed for in-ditch use, and features McElroy's patented Centerline Guidance System. The CU (Combination Unit) adds saddle fusion capability of up to an **8" DIPS** (200mm) branch on any size main. Two fixed and movable clamping jaws result in precision pipe alignment for higher quality fusion joints. The machines are DataLogger® compatible and can fabricate segmented ells with optional mitered inserts.

- Wheeled chassis for easy maneuvering on the jobsite



HPU Sold Separately

Patent No's. 5,814,182 6,212,748 6,212,747 6,021,832 4,352,708
(other patents pending)

TracStar® No.28



- Track mounted, self-contained, self-propelled, all-terrain hydraulic fusion machine
- Jawset/carriage can be easily removed for in-ditch use
- On-board generator for powering the heater and other devices
- Fits in a standard long box truck bed for easy transport

PitBull® No.28



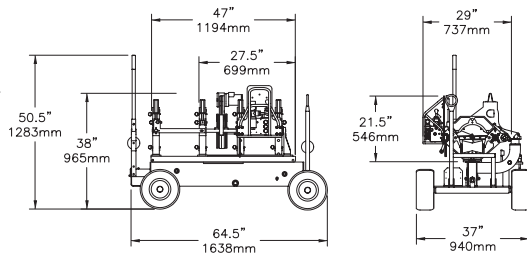
- Compact for fusion above or in the trench
- Simple jawset/carriage for greater portability



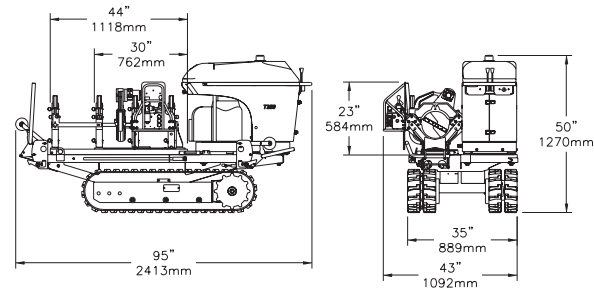
No.28 Fusion Machines

Package includes: fusion machine, facer, heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, and operator's manual.

High Force Cyl. Packages	Part No.
120V, 60Hz, 1Ph	A860805
220V, 50Hz, 1Ph	A860807
208-240V, 60Hz, 1Ph	A860806
Low Force Cyl. Packages	Part No.
120V, 60Hz, 1Ph	A860810
220V, 50Hz, 1Ph	A860809



weight 575lbs (260.8Kg) **input power** 3,500 Watts



weight 1,320lbs (598.7Kg) **gas** = Self-Contained

TracStar No.28 Fusion Machines

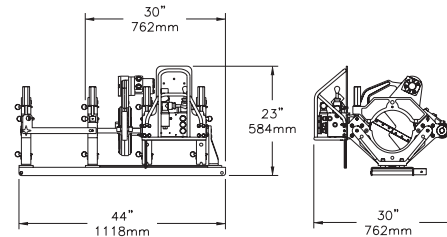
Powered by a low vibration, CARB compliant gasoline engine. Package includes: fusion machine, facer, heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, lifting sling, and operator's manual.

Description	Part No.
High Force Cylinders	AT800105
Low Force Cylinders	AT800107

PitBull No.28 Fusion Machine

Package includes: fusion carriage, facer, 240VAC heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, lifting assembly, and operator's manual. HPU sold separately.

Description	Part No.
High Force Cylinders	AT805501
Low Force Cylinders	AT805503


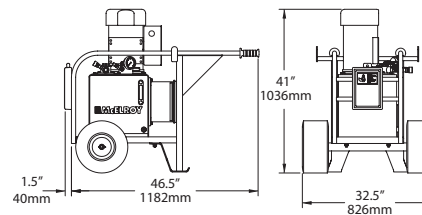


weights Heater 17lbs (7.7Kg) Carriage 165lbs (74.8Kg) Facer 39lbs (17.7Kg)

PitBull HPU

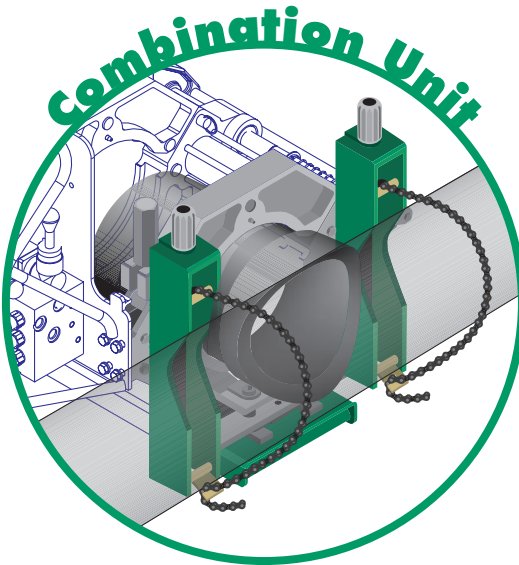
Package includes: Hydraulic Power Unit, hydraulic extension hoses and operator's manual.

Description	Part No.
240V, 60Hz, 1Ph	T1810901
220-240V, 50/60Hz, 3Ph	T1810902
380V, 50Hz, 3Ph	T1810903

weight 390lbs (149Kg)

No.28



The CU (Combination Unit) adds saddle fusion capability of up to an 8" DIPS (200mm) branch on any size main.

No.28CU Fusion Machines

Package includes: fusion machine, facer, heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, and operator's manual.

High Force Cyl. Packages	Part No.
120V, 60Hz, 1Ph	A860801
220V, 50Hz, 1Ph	A860802
208-240V, 60Hz, 1Ph	A860808
Low Force Cyl. Packages	Part No.
100V, 50/60Hz, 1Ph	A860803
200V, 50/60 Hz, 1Ph	A860804

TracStar No.28CU Fusion Machines

Powered by a low vibration, CARB compliant gasoline engine. Package includes: fusion machine, facer, heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, lifting sling, and operator's manual.

Description	Part No.
High Force Cylinders	AT800106
Low Force Cylinders	AT800108

PitBull No.28CU Fusion Machines

Package includes: fusion carriage, facer, 240VAC heater, butt fusion heater adapter set, insulated heater stand, 8" IPS butt fusion inserts, lifting assembly, and operator's manual. HPU sold separately.


Description	Part No.
High Force Cylinders	AT805502
Low Force Cylinders	AT805504



Insert & Adapter Box

Storage box for organizing your inserts and adapters for safe keeping.

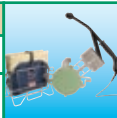
Description	Part No.
Storage Box	MJQ00013



Heaters

Heaters have a microprocessor control and a dial thermometer to monitor temperature. Includes replaceable butt fusion adapter plates, insulated heater stand, and stripper bar kit.


Description	Part No.
100-120V, 50/60Hz, 1Ph	848709
220-240V, 50/60Hz, 1Ph	848803



Spare Butt Plate Kit

Heater adapters have an anti-stick coating and are required for butt fusion.

Description	Part No.
Kit = 2 Adapter Plates	A848706




Includes attaching screws.

Hydraulic Extension Hoses

25' hydraulic extension hose set. Hoses required for in-ditch fusion. Kit is included with PitBull HPU.

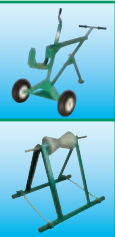
Description	Part No.
Hose Kit = 4 Hoses	1219105



Pipe Support Stand

Height is adjustable to properly support, position and align pipe to be fused. The PolyPorter™ is designed to aid in lifting HDPE pipe into the fusion machine as well as perform as a pipe stand.


Description	Part No.
PolyPorter™	864201
Support Stand	812501



See Page 26-1 for more information.

Shipping Container

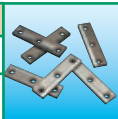
Description	Part No.
Shipping Container	817902



Spare Facer Blade Sets

Set = 4 Blades

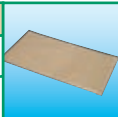
Description	Part No.
No.28 & No.28 CU	T1208602



Heat Shield

For fusing two materials with different melt rates. Shields the faster melt rate materials from over melting.

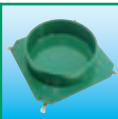
Description	Part No.
Heat Shield	203006



Stub End Holder

Holds stub end for butt fusion.


Description	Part No.
Holder	805701



Pyrometer Kit

Pyrometer kit for accurately checking surface temperatures of heater.

Description	Part No.
Digital Meter	A218803




McElroy No.28 Accessories:

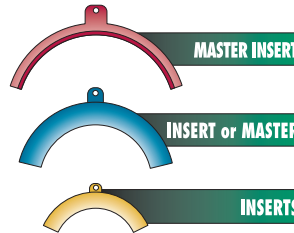
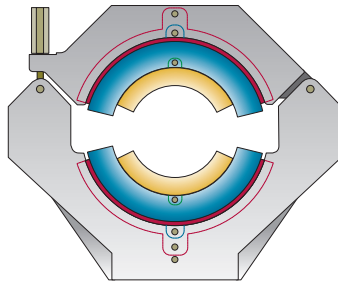
Butt Fusion Inserts

All cast inserts are surface hardened for longer life and are serrated for maximum grip on the pipe. Inserts are made for one size pipe only and are required for pipe sizes less than 8" DIPS. Not all inserts fit directly in the jaws. Some inserts nest inside other inserts, called master inserts.

Set = 8 Inserts

NOTE: Other sizes of inserts are available upon request. Contact your McElroy representative about inserts to fit your needs.

For JIS sizes see pg. 40-1



All inserts below fit in 8" DIPS Jaws

Inserts	Pipe OD	Set No.
8" DIPS JAW	9.05 (230mm)	N/R
225mm	8.86 (225mm)	851201
8" IPS Master	8.63 (219mm)	Inc. w/pkg

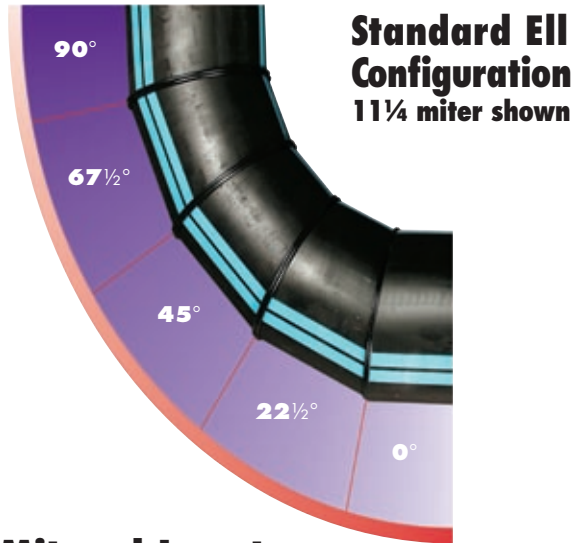


All inserts below require 8" Master inserts

Inserts	Pipe OD	Set No.
200mm	7.87 (200mm)	801511
7.125" OD	7.13 (180mm)	801513
180mm	7.13 (180mm)	801513
6" DIPS	6.90 (175mm)	801525
160mm	6.30 (160mm)	807813
6" IPS Master	6.63 (168mm)	801510

All inserts below require 6" & 8" Master insert

Inserts	Pipe OD	Set No.
5" IPS	5.56 (141mm)	809409
5.375" OD	5.38 (137mm)	809411
5.25" OD	5.25 (133mm)	809410
125mm	4.92 (125mm)	809413
4" DIPS	4.80 (122mm)	809315
4" IPS	4.50 (114mm)	809408
110mm	4.33 (110mm)	809305
3" DIPS	3.96 (101mm)	809313
90mm	3.54 (90mm)	809309
3" IPS	3.50 (89mm)	809304
75mm	2.95 (75mm)	809211
63mm	2.48 (63mm)	809209
2" IPS	2.38 (60mm)	809204



Standard Ell Configuration
11¼ miter shown


Mitered Inserts

Used to fabricate segmented ells. Inserts are made for one size pipe only. Some inserts nest inside other inserts, called master inserts. **Set = 4 Inserts + 1 Template**

NOTE: Other sizes and angles of mitered inserts are available upon request. Contact your McElroy representative about inserts to fit your needs.

All inserts below require 8" Master insert

Inserts	Pipe OD	Set No.
8" DIPS JAW	9.05 (230mm)	N/R
8" IPS Master	8.63 (219mm)	Inc. w/pkg



Inserts	Pipe OD	Set No.
6" DIPS x 11¼	6.90 (175mm)	8078108
6" IPS x 11¼	6.63 (168mm)	807810
5" IPS x 11¼	5.56 (141mm)	807809
4" DIPS x 11¼	4.80 (122mm)	807899
4" IPS x 11¼	4.50 (114mm)	807808

PERFORMANCE PIPE, INDEPENDENT PIPE PRODUCTS

4" DIPS Butt Outlet Branch Saddles (6-5/8" Round Base, 4.80" Dia Outlet)

Main	Heater Adptr Concave		Heater Adptr Convex		Heater All Pipe	
	Part Number	Part Number	Part Number	Part Number		
6" DIPS	S710690700	S700690700		826803		
8" DIPS ▲	S710905700	S700905700		826803		
10" DIPS ▲	S711110700	S701110700		826803		
12" DIPS ▲	S711320700	S701320700		826803		
16" DIPS ▲	S711740700	S701740700		826803		
18" DIPS ▲	S711950700	S701950700		826803		
20" DIPS ◆	S712160700	S702160700		826803		
24" DIPS ◆	S712580700	S702580700		826803		

PERFORMANCE PIPE, INDEPENDENT PIPE PRODUCTS

6" DIPS Butt Outlet Branch Saddles (8-5/8" Round Base, 6.90" Dia Outlet)

Main	Heater Adptr Concave		Heater Adptr Convex		Heater All Pipe	
	Part Number	Part Number	Part Number	Part Number		
8" DIPS ▲	S8109050900	S8009050900		826803		
10" DIPS ▲	S8111100900	S8011100900		826803		
12" DIPS ▲	S8113200900	S8013200900		826803		
16" DIPS ▲	S8117400900	S8017400900		826803		
18" DIPS ▲	S8119500900	S8019500900		826803		
20" DIPS ◆	S8121600900	S8021600900		826803		
24" DIPS ◆	S8125800900	S8025800900		826803		

▲ Requires (2) A213601 Tailstock Chain Assemblies.
◆ Requires (4) A213601 Tailstock Chain Assemblies.

No.28

McElroy No.28CU Accessories:

No.28

CENTRAL, PERFORMANCE PIPE, INDEPENDENT PIPE PRODUCTS

8" IPS Butt Outlet Branch Saddles (9.41" Round Base, 8-5/8" Dia Outlet)

Main	Heater Adptr Concave	Heater Adptr Convex	Heater All Pipe
Part Number	Part Number	Part Number	Part Number
10" IPS ▲	S8110750975	S8010750975	826803
12" IPS ▲	S8112750975	S8012750975	826803
14" OD ▲	S8114000975	S8014000975	826803
16" OD ▲	S8116000975	S8016000975	826803
18" OD ▲	S8118000975	S8018000975	826803
20" OD ▲	S8120000975	S8020000975	826803
24" OD ◆	S8124000975	S8024000975	826803
36" OD ●	S8136000975	S8036000975	826803
42" OD ◆	S8142000975	S8042000975	826803

CENTRAL, PERFORMANCE PIPE, UPONOR

6" IPS Butt Outlet Branch Saddles (7" Round Base, 6-5/8" Dia Outlet)

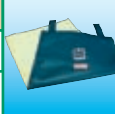
Main	Heater Adptr Concave	Heater Adptr Convex	Heater All Pipe
Part Number	Part Number	Part Number	Part Number
8" IPS	S710862775	S700862775	826803
10" IPS ▲	S711075775	S701075775	826803
12" IPS ▲	S711275775	S701275775	826803
14" OD ▲	S711400775	S701400775	826803
16" OD ▲	S711600775	S701600775	826803
18" OD ▲	S711800775	S701800775	826803
20" OD ▲	S712000775	S702000775	826803
22" OD ◆	S712200775	S702200775	826803
24" OD ◆	S712400775	S702400775	826803
26" OD ◆	S712600775	S702600775	826803
28" OD ◆	S712800775	S702800775	826803
30" OD ◆	S713000775	S703000775	826803
32" OD ●	S713200775	S703200775	826803
36" OD ●	S713600775	S703600775	826803
42" OD ◆	S714200775	S704200775	826803
48" OD ◆	S714800775	S704800775	826803

- ▲ Requires (2) A213601 Tailstock Chain Assemblies.
- ◆ Requires (4) A213601 Tailstock Chain Assemblies.
- Requires (6) A213601 Tailstock Chain Assemblies.
- ◆ Requires (8) A213601 Tailstock Chain Assemblies.

Sidewall Heater Blanket

Protects and helps maintain a constant temperature.

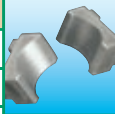
Description	Part No.
Blanket	826903



Sidewall Clamping Insert Sets

Helps reround 18" OD mains & smaller.


Description	Part No.
6" IPS	821403
6" DIPS	821405
8" IPS	835812
10" IPS	835813
12" IPS	835814
14" OD	835815
16" OD	835816
18" OD	835817



Sidewall Fusion Heater

Sidewall heater has an adjustable thermostat to control temperature. Does not include heater blanket.

Description	Part No.
200-240V, 50/60Hz, 1Ph	826803



Line Pipe Bolster

Helps support, round, & straighten the main. Required for 6" IPS - 8" IPS mains.

Description	Part No.
6" IPS Bolster	413306
6" DIPS Bolster	413316
8" IPS Bolster	827801

