



HDPE PIPE SUPPLY · FUSION EQUIPMENT · LOGISTICS COORDINATION

FUSION EQUIPMENT

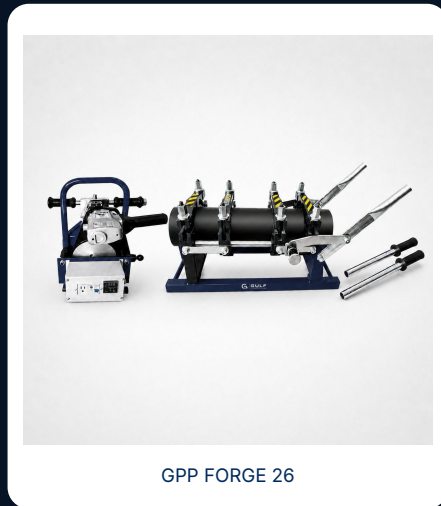
GPP Equipment Catalog

Titan · Forge · Vertex · Edge Series

+ GPP Fusion Log — fusion reporting & traceability app



GPP TITAN 1224



GPP FORGE 26



GPP VERTEX 312

Quote-based industrial supply. Configuration, voltage, clamps, inserts and accessories confirmed per RFQ.

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Four series. One supply standard.

GPP fusion equipment is organized in four series. Every machine is quoted by configuration through the RFQ process.



TITAN

Hydraulic field fusion machines

3" – 24" IPS



FORGE

Manual field fusion machines

1¼" – 8" IPS



VERTEX

CNC workshop fitting fusion

3" – 12"



EDGE

Plastic pipe cutting equipment

Up to 24"

MODEL INDEX

MODEL	TYPE	RANGE	PAGE
GPP Fusion Log	Reporting · Calculator · Traceability App	iOS · Android · Web	03
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GPP DIGITAL TOOLS

GPP Fusion Log

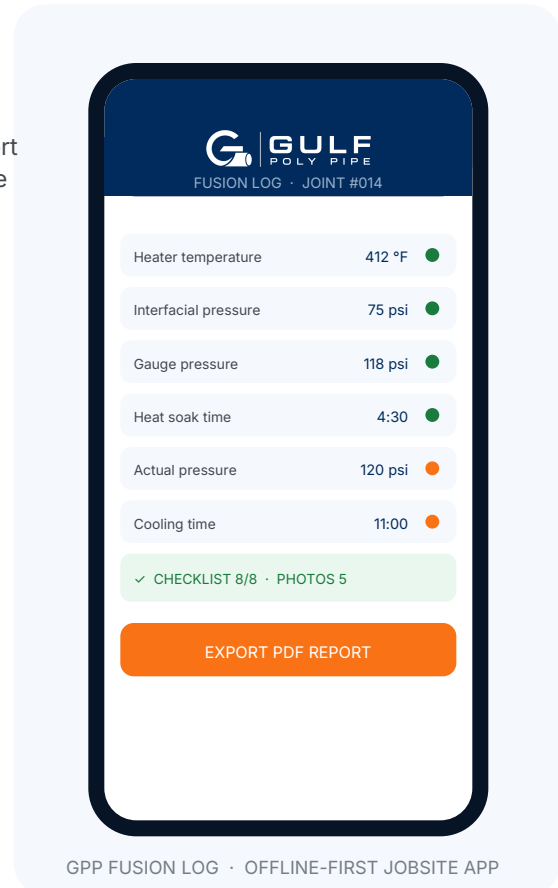
HDPE Butt Fusion Reporting · Parameter Calculator · Traceability

iOS · Android · Web

GPP Fusion Log gives field crews a single tool to calculate reference fusion parameters, record actual values and jobsite conditions, document every joint with photos and an operator checklist, and export a professional GPP-branded PDF report — working 100% offline at the jobsite and syncing when a connection returns.

KEY FEATURES

- Parameter calculator (ASTM F2620 reference)
- Recommended vs. operator-entered values
- Photo documentation by fusion stage
- Operator checklist & digital signature
- GPS, job history & search
- Branded PDF reports — share by email



GPP FUSION LOG · OFFLINE-FIRST JOBSITE APP

HOW IT WORKS

01

Set up the job

Customer, project, GPS location, operator, machine model & serial, pipe size and DR.

02

Calculate parameters

Reference heater temp, interfacial pressure, fusion force, soak and cooling times.

03

Record & document

Enter actual values, attach photos, complete the checklist and sign the joint.

04

Export & trace

Generate the branded PDF, share by email, and search history by job or machine.

REPORTING TOOL — NOT MACHINE CONTROL

GPP Fusion Log is a digital jobsite reporting and traceability tool. It does not connect to, control, or monitor any fusion machine. Recommended values are reference figures only; actual fusion procedures must follow the pipe manufacturer's qualified joining procedure, ASTM F2620, and the operator's training and judgment. The app records what the operator enters — it does not verify, certify, or control any joint.

TITAN SERIES — HYDRAULIC FIELD FUSION

GPP Titan 312

Hydraulic Butt Fusion Machine

3" – 12" IPS

Self-contained hydraulic butt fusion machine for pressure pipe in water, utility, oilfield and industrial service up to 12" IPS. A four-clamp machine body works with an independent hydraulic unit, PTFE-coated heating plate and hydraulic facer to deliver consistent, repeatable field joints following ASTM F2620 fusion procedures.

TECHNICAL SPECIFICATION

- Welding range: 3" – 12" plastic pipe (3" · 4" · 5" · 6" · 8" · 10" · 12")
- Range of application: PE, PP and PVDF · Max wall thickness: SDR7
- Working voltage: 220V ±10%, 60 Hz, 3-phase
- Total power 5.2 kW — heating plate 3.0 kW, hydraulic unit motor 2.2 kW, hydraulic facer (planing tool)
- Cylinder area: 20 cm² · Max pressure: 120 bar
- PTFE-coated heating plate · surface temperature difference ≤ ±5°
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer, hydraulic unit and support for facer & heating plate



GPP TITAN 312 · HYDRAULIC UNIT · FACER · HEATER · CARRIAGE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Hydraulic unit
- Support stand

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	1050 × 750 × 900	154	184	Basic frame; stub device (liner 3"-10")
2	640 × 600 × 750	60	83	Heating plate, facer, support, tool box
3	850 × 750 × 850	85	125	Hydraulic unit
Total	1.629 CBM	299	392	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

TITAN SERIES — HYDRAULIC FIELD FUSION

GPP Titan 818

Hydraulic Butt Fusion Machine

8" – 18" IPS

Hydraulic butt fusion machine for mid-to-large diameter water transfer, municipal and industrial lines from 8" to 18". Electronic count-down timers guide heating and cooling phases, and an optional crane with hoist simplifies handling of clamps, facer and heating plate on the jobsite.

TECHNICAL SPECIFICATION

- Welding range: 8" – 18" plastic pipe (8" · 10" · 12" · 14" · 16" · 18")
- Range of application: PE, PP and PVDF · Max wall thickness: SDR7
- Working voltage: 220V ±10%, 60 Hz, 3-phase
- Total power 10.88 kW — heating plate 5.38 kW, hydraulic unit motor 5.5 kW, crane hoist (optional) 0.8 kW
- Cylinder area: 37.7 cm² · Max pressure: 160 bar
- PTFE-coated heating plate · surface temperature difference ≤ ±7°
- Electronic count-down timer for heating and cooling time
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer, hydraulic unit, supports, and crane with hoist (optional)



GPP TITAN 818 · HYDRAULIC UNIT · FACER · HEATER · CARRIAGE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Hydraulic unit
- Supports
- Crane / hoist (opt.)

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	1500 × 1150 × 1050	463	540	Basic frame; liner 8"/16"
2	1000 × 850 × 950	160	209	Hydraulic unit
3	1000 × 850 × 1300	180	238	Heating plate, facer, support, attachments and fittings
4	590 × 330 × 510	42	50	Motor hoist, crane
Total	3.823 CBM	803	987	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

TITAN SERIES — HYDRAULIC FIELD FUSION

GPP Titan 1224

Hydraulic Butt Fusion Machine with Crane / Hoist

12" – 24" IPS

Large-diameter hydraulic butt fusion machine for transmission, water transfer and industrial mains from 12" to 24". The high-force carriage, count-down timers and optional crane with hoist support controlled handling and consistent joint preparation on demanding jobsites.

TECHNICAL SPECIFICATION

- Welding range: 12" – 24" plastic pipe (12" · 14" · 16" · 18" · 20" · 22" · 24")
- Range of application: PE, PP and PVDF · Max wall thickness: SDR7
- Working voltage: 220V ±10%, 60 Hz, 3-phase
- Total power 14.85 kW — heating plate 9.35 kW, hydraulic unit motor 5.5 kW, crane hoist (optional) 0.8 kW
- Cylinder area: 64.89 cm² · Max pressure: 160 bar
- PTFE-coated heating plate · surface temperature difference ≤ ±7°
- Electronic count-down timer for heating and cooling time
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer, hydraulic unit, supports, and crane with hoist (optional)



GPP TITAN 1224 · HYDRAULIC UNIT · FACER · HEATER · CRANE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Hydraulic unit
- Supports
- Crane / hoist (opt.)

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	1650 × 1240 × 1240	770	895	Basic frame; liner 24"/12"
2	770 × 480 × 590	160	209	Hydraulic unit
3	1150 × 840 × 1640	280	346	Heating plate, facer, support, attachments and fittings
4	590 × 330 × 510	42	50	Motor hoist, crane
Total	5.264 CBM	1260	1500	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

FORGE SERIES — MANUAL FIELD FUSION

GPP Forge 14

Manual Butt Fusion Machine

1¼" – 4" IPS

Compact manual butt fusion machine for service lines, drops and small-diameter installations from 1¼" to 4". Lightweight frame, hand-lever carriage and an adjustable PTFE-coated heater make it a fast, dependable tool for tight work areas.

TECHNICAL SPECIFICATION

- Welding range: 1¼" – 4" plastic pipe (1¼" · 1½" · 2" · 2½" · 3" · 4")
- Range of application: PE, PP and PVDF
- Working voltage: 120V ±10%, 60 Hz
- Total power 1.4 kW — facer (planing tool) 0.7 kW, heating plate 0.7 kW
- PTFE-coated heating plate with adjustable temperature control knob
- Surface temperature difference ≤ ±3° · handy operation
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer and support for facer & heating plate



GPP FORGE 14 · HEATER · FACER · CARRIAGE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Support stand

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	800 × 450 × 650	40	52	Basic frame (liner 1¼"-3"), heating plate, support, facer, accessories
Total	0.234 CBM	40	52	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

FORGE SERIES — MANUAL FIELD FUSION

GPP Forge 26

Manual Butt Fusion Machine

2" – 6" IPS

Manual butt fusion machine for distribution and jobsite work from 2" to 6". A four-clamp carriage with removable heater and facer keeps alignment simple and fusion prep quick — easy to transport, stage and operate with a small crew.

TECHNICAL SPECIFICATION

- Welding range: 2" – 6" plastic pipe (2" · 3" · 4" · 5" · 6")
- Range of application: PE, PP and PVDF
- Working voltage: 120V ±10%, 60 Hz
- Total power 1.7 kW — facer (planing tool) 0.7 kW, heating plate 1.0 kW
- PTFE-coated heating plate with adjustable temperature control knob
- Surface temperature difference ≤ ±3° · handy operation
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer and support for facer & heating plate



GPP FORGE 26 · HEATER · FACER · 4-CLAMP CARRIAGE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Support stand

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	820 × 520 × 520	48	64	Basic frame (liner 2"–5")
2	470 × 420 × 620	20	29	Heating plate, facer, support, attachments
Total	0.344 CBM	68	93	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

FORGE SERIES — MANUAL FIELD FUSION

GPP Forge 28

Manual Butt Fusion Machine

2" – 8" IPS

Manual butt fusion machine covering 2" to 8" pipe for utility and industrial installations. The four-clamp carriage, detachable facer and adjustable heater give crews a wide working range in a portable, field-serviceable package.

TECHNICAL SPECIFICATION

- Welding range: 2" – 8" plastic pipe (2" · 3" · 4" · 5" · 6" · 8")
- Range of application: PE, PP and PVDF
- Working voltage: 120V ±10%, 60 Hz
- Total power 3.1 kW — facer (planing tool) 1.1 kW, heating plate 2.0 kW
- PTFE-coated heating plate with adjustable temperature control knob
- Surface temperature difference ≤ ±3° · handy operation
- Operating environment: -10° to 45°
- Machine consists of basic frame, heating plate, facer and support for facer & heating plate



GPP FORGE 28 · HEATER · FACER · 4-CLAMP CARRIAGE

STANDARD COMPOSITION

- Machine body
- Heating plate
- Facer
- Support stand

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	880 × 610 × 710	49	63	Basic frame (liner 2"–6")
2	560 × 540 × 730	22	33	Heating plate, facer, support, attachments
Total	0.602 CBM	91	117	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

VERTEX SERIES — WORKSHOP FITTING FUSION

GPP Vertex 312

CNC Workshop Fitting Fusion Machine

3" – 12"

CNC workshop fitting fusion machine for fabricating tees, crosses and elbows from 3" to 12". An automatic welding cycle with touch-controlled screen and weld-record printing supports documented, repeatable shop fabrication, with clamp sets for each fitting type.

TECHNICAL SPECIFICATION

- Fitting fabrication range — tees, crosses and elbows: 3" – 12" (3" · 4" · 5" · 6" · 8" · 10" · 12")
- Range of application: PE, PP and PVDF
- Working voltage: 480V ±10%, 60 Hz
- Total power 7.25 kW — heating plate 5.0 kW, facer motor 0.75 kW, hydraulic unit motor 1.5 kW
- Total cylinder section: 12.56 cm²
- PTFE-coated heating plate with high-accuracy temperature controller · $\Delta T \leq \pm 5^\circ$
- Automatic welding cycle with touch-controlled screen and weld-record printing function
- Fitting clamps (Y-shape clamps, narrow clamps, steel stub device) provided as requested
- Machine consists of four modules: basic frame (heating plate, facer, hydraulic system), elbow clamps, tee clamps and cross clamps



GPP VERTEX 312 · CNC CYCLE · TOUCH SCREEN · WELD RECORDS

STANDARD COMPOSITION

- Basic frame
- Heating plate
- Facer
- Hydraulic system
- Tee / cross clamps
- Elbow clamps

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	1350 × 1130 × 1630	600	710	Basic frame, attachments and fittings
2	800 × 430 × 540	90	100	Cross / tee inserts (1)
3	800 × 430 × 540	90	100	Cross / tee inserts (2)
4	590 × 370 × 510	65	90	Elbow inserts
Total	2.970 CBM	845	1000	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.

EDGE SERIES — PIPE CUTTING EQUIPMENT

GPP Edge 24

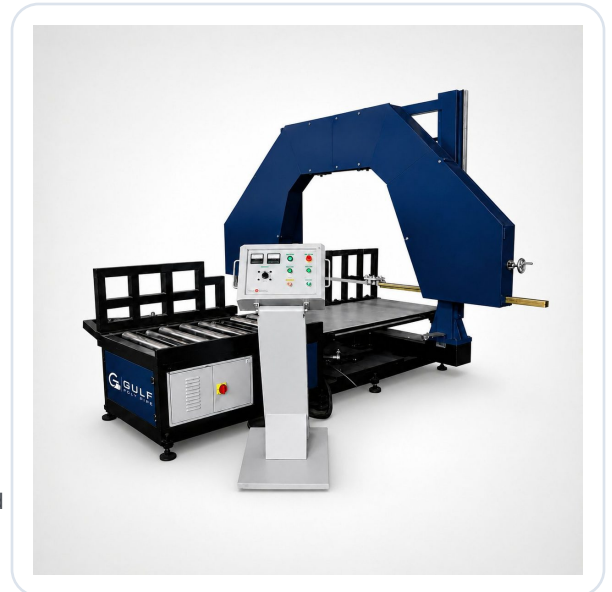
Plastic Pipe Band Saw

Up to 24"

Plastic pipe band saw for clean, square and mitered cuts on pipe up to 24". A roller in-feed table and a 0°–67.5° cutting range prepare pipe ends and fabricated segments for fusion or fitting work in yard and shop operations.

TECHNICAL SPECIFICATION

- Maximum cutting range: 24" plastic pipe
- Range of application: PE, PP and PVDF
- Cutting angles: 0° – 67.5°
- Working voltage: 480V ±10%, 60 Hz
- Total power 3.7 kW — drive motor 2.2 kW, hydraulic unit motor 1.5 kW
- Max line speed: 195 m/min
- Operating environment: –10° to 45°
- Machine consists of basic frame, support and press bar with roller in-feed table



GPP EDGE 24 · ROLLER IN-FEED · MITER CUTS TO 67.5°

STANDARD COMPOSITION

- Basic frame
- Roller in-feed table
- Control stand
- Press bar

PACKING & WEIGHTS

ITEM	DIMENSION WITH PACKING (MM)	N.W (KG)	G.W (KG)	CONTENTS
1	3250 × 2050 × 1850	3100	3500	Basic frame, saw box
Total	12.326 CBM	3100	3500	

QUOTED BY CONFIGURATION

Clamps, inserts, liners, voltage, heater, facer and accessories are confirmed per RFQ. Specifications subject to supplier confirmation.



Request a Quote

Send model, pipe size range, voltage, clamps / inserts needed, and destination.
Availability, lead time, freight and documentation are confirmed per project.

sales@gulfpolypipe.com · gulfpolypipe.com

6841 Avenue I, Houston, Texas 77011

Clear specs. Confirmed quotes. Professional coordination.

Specifications subject to supplier confirmation. Configuration quoted per RFQ.

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