

# Conventional Fusion Equipment



# FUSION Plus

## Redesigned, Re-engineered and Re-tooled

In 2007, Georg Fischer Central Plastics acquired Connectra Fusion Technologies and we set about consolidating its products and operations into our industry leading line-up of pipe joining products and solutions.

A company devoted to providing a simple and cost-efficient —and much needed — alternate choice for fusion machines and equipment, Connectra's equipment was solid and reliable. But our customers told us they needed more. They needed a higher level of quality, with more sophisticated functionality and improved designs — a true alternative they could confidently rely on for enduring performance in the field.



### **414CQ BUTT FUSION MACHINE**

The 414CQ fusion machine is designed for in-ditch fusion jobs in tight spaces. The portability of the machines and its impressive fusion range make it an ideal candidate for many situations.

Accommodates pipe sizes ranging from 4" IPS through 14" IPS



#### 14M BUTT FUSION MACHINE

A highly versatile manual butt fusion machine built for field use. 14M units have heavy duty frames, a semi-automated locking mechanism, and adjustable handles to make fusing easier.

Accommodates pipe sizes ranging from 3/4" CTS through 4" DIPS



#### BS4 BUTT FUSION MACHINE

The compact BS4 manual butt fusion machine is a lightweight alternative to the 14M. BS4 units are ideally suited to the plumbing market, where size and mobility are important. At only 27.7 lbs., the entire fusion machine and accessories can easily be stored and transported to and from the jobsite in the provided rolling toolbox.

Accommodates pipe sizes ranging from 1/2" IPS through 4" IPS

A full line-up  
of rugged,  
dependable  
machines,  
equipment &  
accessories.



## LEGEND

M: Manual  
HD: Hydraulically Driven  
HP: Hand-Powered  
EP: Electric-Powered  
SC: Self-Contained  
CQ: Close-Quarters



### 28CQ BUTT FUSION MACHINE

The 28CQ is built for tight spaces — in the ditch, on the pipe rack, wherever room is at a premium. The simple controls make for quick training and easy operation.

Accommodates pipe sizes ranging from 2" IPS through 8" DIPS.



### 414HP BUTT FUSION MACHINE

Simple and durable. The 414HP's hydraulic system is powered by an easy to maintain hand pump assembly. Its sturdy rectangular frame design provides a rigid and safe fusion platform.

Accommodates pipe sizes ranging from 3" IPS through 14" IPS.



### 414EP BUTT FUSION MACHINE

The versatile and robust 414EP fusion machine is ideal for field applications. The extra space between clamps allows for most fittings, including the fabrication of 12-inch segmented elbows.

Accommodates pipe sizes ranging from 4" IPS through 14" IPS.



### 620SC BUTT FUSION MACHINE

The 620SC is one of the most robust and durable butt fusion machine in its size class. The unit's dual hydraulic pipe lifters assist in pipe handling. The pivoting, lightweight heater attaches to the joining assembly – taking the load off the operator.

Accommodates pipe sizes ranging from 6" IPS through 20" IPS.

Further information about these and many more products is available online.

[gfcp.com](http://gfcp.com)



#### 28HP BUTT FUSION MACHINE

The lightweight 28HP is designed around a sturdy rectangular frame that provides operators with a rigid and safe fusion platform. Stripped down to the basics, this fusion machine lets operators focus on the essentials without compromising results. Accommodates pipe sizes ranging from 2" IPS through 8" DIPS.



#### 28EP BUTT FUSION MACHINE

The 28EP uses the same sturdy rectangular frame as its 28HP brother. The high precision temperature and pressure controls ensure that operators can have confidence in their work. Accommodates pipe sizes ranging from 2" IPS through 8" DIPS.



#### 414SC BUTT FUSION MACHINE

Designed with a powerful on-board gasoline engine, the 414SC fusion machine has everything operators will need to work off the grid. With a sturdy frame and heavy duty clamps, this is a tough dependable machine. Accommodates pipe sizes ranging from 4" IPS through 14" IPS.



#### 414HD BUTT FUSION MACHINE

The newest addition to the product line, this 4 wheel drive, all-terrain fusion machine allows operators to drive to the fusion site. With oversized tires and 4 hydrostat drives, the machine is well suited to cross rough terrain or delicate golf greens. Accommodates pipe sizes ranging from 4" IPS through 14" IPS.



#### 824EP BUTT FUSION MACHINE

The 824EP is an extremely rugged, field-proven fusion machine that offers the best value of any machine in its class. Its robust electrically driven hydraulic pump supplies power to the carriage, facing unit, and front and rear pipe lifters, and hydraulic clamps, making pivoting and positioning heavy wall pipe a breeze. Accommodates pipe sizes ranging from 8" IPS through 24" IPS.



#### 1442EP BUTT FUSION MACHINE

Sized to make short work of 36" pipe, the fully hydraulic 1442EP butt fusion machine fuses the largest pipe sizes with ease. Its centerline fusion force handles 14" through 42" polyethylene pipe sizes of IPS, metric and DIPS as well as polyvalves, flanges and mitered elbows. Accommodates pipe sizes ranging from 14" IPS through 42" IPS.

YES, when you come to us for a GF FUSION Plus machine you're getting rugged and reliable fusion equipment.

Backed by North America's largest supplier of pipe joining products, HDPE pipe & piping system solutions.



**GEORG FISCHER**  
PIPING SYSTEMS



#### **OUTRIDER 1500 SIDEWALL FUSION MACHINE**

The Outrider 1500 is a high precision sidewall fusion machine designed for 1/2" IPS through 4" IPS sidewall fittings and outlets. The sturdy machine's frame can easily be operated by a single user; even in confined spaces.



#### **OUTRIDER 3000 SIDEWALL FUSION MACHINE**

The Outrider 3000 is designed for quick and accurate fusing of 4" IPS through 8" DIPS sidewall fittings and outlets on all sizes and densities of polyethylene pipe. The unit's design allows for up to 3000 pounds of force to be applied through the centerline of the fitting for consistent, evenly applied, fusion force.



#### **SOCKET FUSION KITS**

Georg Fischer Central Plastics produces a wide variety of socket fusion kits for every possible job. Several heaters are available as well as a huge selection of sockets & plugs. Kits can even be customized for specific needs. See the catalog for the full range of available products.



## We listened.

We set ourselves to the task of redesigning, re-engineering and re-tooling our fusion machines. We kept the best features, and built upon them. Now we are proud to introduce the new line-up of FUSION Plus conventional fusion machines and accessories.



**GEORG FISCHER**  
PIPING SYSTEMS

## **GEORG FISCHER CENTRAL PLASTICS**

Georg Fischer Central Plastics builds quality piping systems that are efficient, reliable and safe - supplying products and solutions with unparalleled integrity.

### **PIPING SYSTEMS, PRODUCTS & SOLUTIONS WITH INTEGRITY**

#### **Oklahoma - Head Office**

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#### **Texas**

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