

***“WORLD LEADERS IN SUBMERGED ARC
FLUX HANDLING EQUIPMENT”***

WELDSPRAY

Welding Automation & Thermal Spray

WELD

ENGINEERING CO., INC.

Excellence Since 1979

WELDSPRAY

Welding Automation & Thermal Spray



**"WORLD LEADERS IN SUBMERGED ARC
FLUX HANDLING EQUIPMENT"**

WELD
ENGINEERING CO., INC.
Excellence Since 1979

WELD ENGINEERING CO., INC.'S MISSION

People ask why we have a Mission Statement. The reason is that we as a company have certain values that underlie our everyday activities. The Weld Engineering Co., Inc. Mission Statement is a concise summary of why we are here and what is important to us.

Basically, the Mission Statement says that at Weld Engineering Co., Inc., we care about people. We care about people by being honest and fair and treating customers, the way we would want to be treated ourselves, by providing the best quality product we possibly can.

Please read our Mission Statement carefully. Think about what it means for the things you do every day. Values look good in a handbook or on the wall, but it is how they are practiced that really counts.

MISSION STATEMENT

WELD ENGINEERING CO., INC. STRIVES IN ALL WORDS AND ACTIONS:

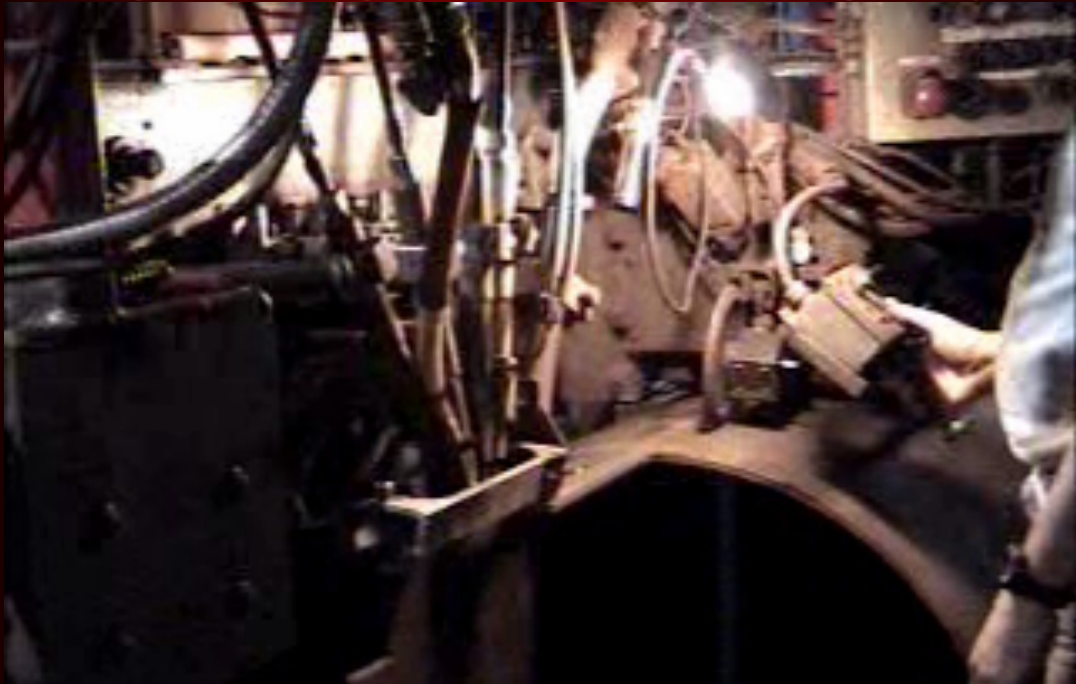
- 1. TO CREATE A SUPPORTIVE AND FAIR WORK ENVIRONMENT;**
- 2. TO PROVIDE FRIENDLY, COURTEOUS SERVICE TO OUR CUSTOMERS;**
- 3. TO ENSURE THE HIGHEST STANDARDS OF PRODUCT QUALITY;**
- 4. TO BE FAIR, HONEST AND CONSIDERATE WITH OUR SUPPLIERS;**
- 5. TO BE AN ACTIVE AND POSITIVE FORCE IN THE COMMUNITIES WHERE WE DO BUSINESS; AND**
- 6. TO BE THE BEST FLUX HANDLING SYSTEMS COMPANY IN THE WORLD!**



WELDSPRAY

Welding Automation & Thermal Spray

FLUX RECOVERY IN ACTION



WELD*SPRAY*

Welding Automation & Thermal Spray

"WORLD LEADERS IN SUBMERGED ARC FLUX HANDLING EQUIPMENT"

Contact us for your submerged arc flux handling solutions.

Phone: (508) 842-2224 Fax: (508) 842-3893

Email: sales@weldengineering.com

Site: www.WeldEngineering.com

WELD

ENGINEERING CO., INC.

Excellence Since 1979

AIR
POWERED



TRACTOR
FLUX
RECOVERY



Flux Recovery
Earth Resource Recovery



ELECTRIC
POWERED



FLUX
REBAKE
OVENS



HEATED
AUTO-MIXING
SYSTEMS



HEAVY DUTY
FLUX RECOVERY
SYSTEMS



HEAVY DUTY
EXTREME!



HEATED
PRESSURE
FEED TANKS



HEATED PRESSURE
FEED AND RECOVERY
SYSTEMS



SAVE FLUX, SAVE MONEY, SAVE THE EARTH.

WELDSPRAY

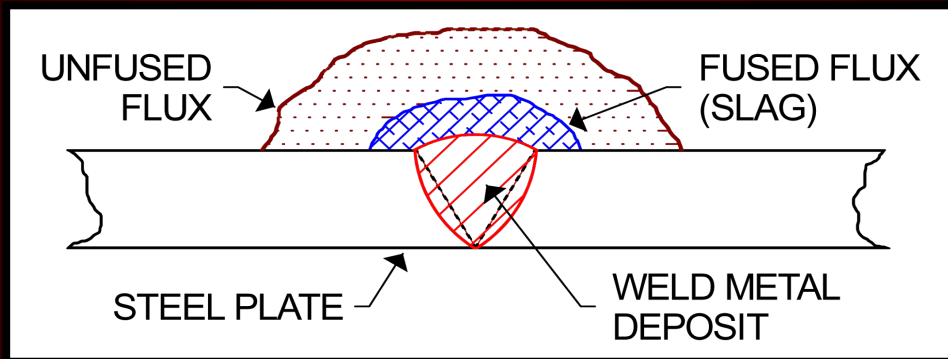
Welding Automation & Thermal Spray

Submerged Arc Welding Benefits

- **Great Cost Reduction**
- **High Quality**
- **High Productivity**
- **Very Low Smoke & Ultraviolet Radiation**
- **Safer & Healthier for Workers**

Flux Recovery Benefits

- **Recovers all un-fused flux.**
- **Removes all the dust.**
- **Is a huge cost reduction.**
- **Is much healthier.**
- **Conserves the Earth's resources.**




Weld Type	Flux per 1lb. Weld Metal	Flux Saved
Single	2 lbs.	1 lb.
Twin	3 lbs.	2 lbs.
Tandem (2 Arcs)	4 - 8 lbs.	3 - 7 lbs.
3 Wire Weld (3 Arcs)	4 - 9 lbs.	3 - 8 lbs.

Note: The above is not the recommended flux to wire ratio. The values are based on various actual customer applications. Flux to wire combinations should be obtained from the manufacturer.

Flux Handling Systems **Is All We Do!**

- We are very focused and committed.
- We have over 170 machines and components to recover and manage flux for every conceivable application.
- Weld Engineering Co. offers the most complete range of **Flux Handling Systems in the World!**

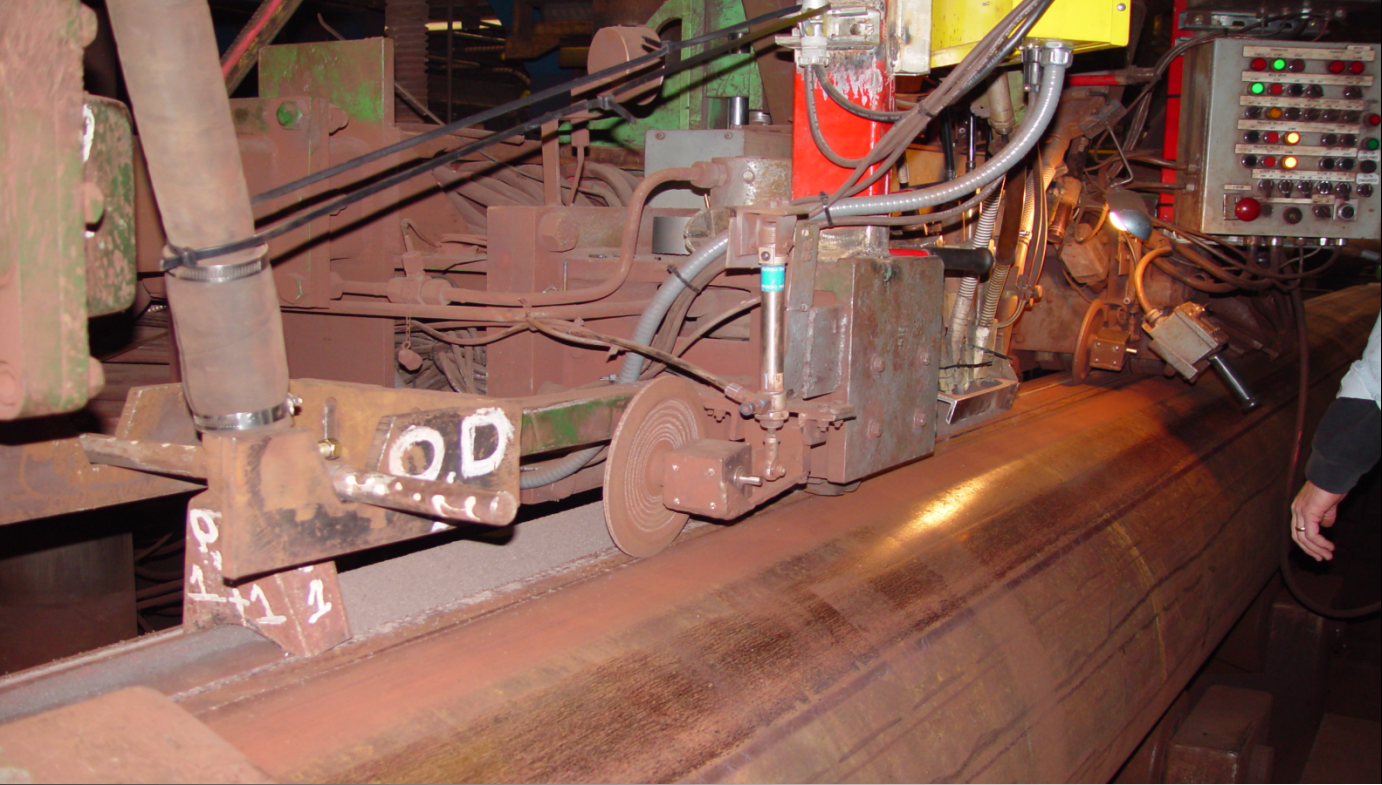


**Weld Engineering
Equipment Recycles Millions of
Pounds of Flux Each Year !**

Earth Resource Recovery

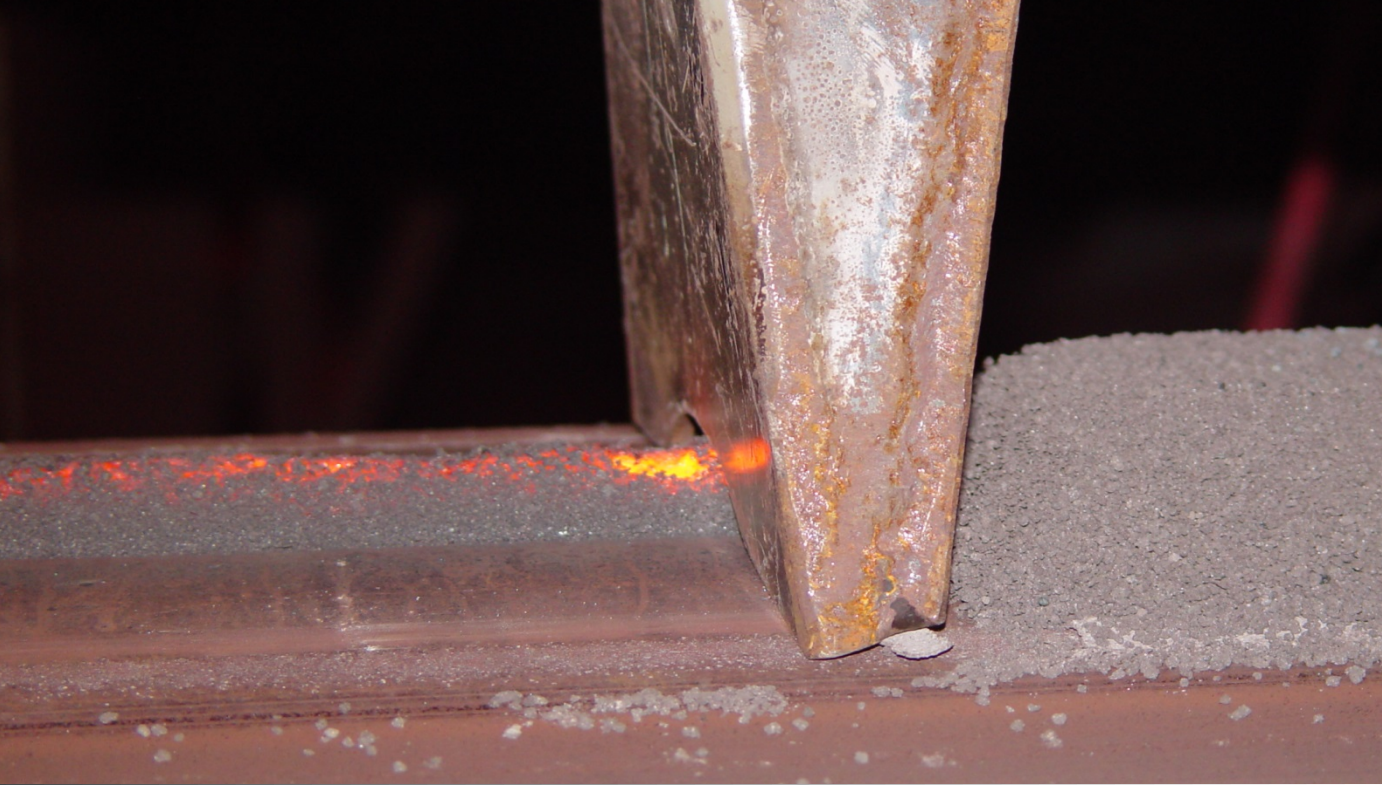
WELDSPRAY

Welding Automation & Thermal Spray



WELDSPRAY

Welding Automation & Thermal Spray



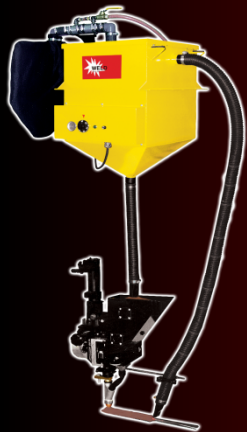
WELD*SPRAY*

Welding Automation & Thermal Spray

Standard Duty Flux Recovery

- Approximately 250 Lb. of flux per week
- Can attach directly to welding equipment

SUPER HFH-100-A/P



*Air
Powered*

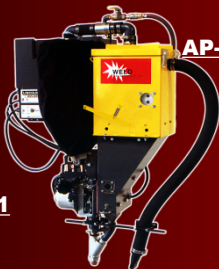
SUPER-AP-1



**PT-100
Flux Pressure Feed
Tank**



AP-1

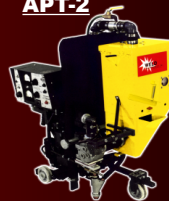


AS-4



*Electric
Powered*

APT-2



ALT-2



Tractor Recovery



XP-3TRAC

XP-3



PS-2



WELDSPRAY

Welding Automation & Thermal Spray

Heavy Duty Flux Recovery

- Approximately 500+ Lb. of flux per week.
- Standard Hopper / Separator or Separator.



WELDSPRAY

Welding Automation & Thermal Spray

**NEW
PRODUCT!**

PIPE MILL

**FLUX
RECOVERY**



For ordering information
please contact:

WELD
ENGINEERING CO., INC.

34 Fruit St.
Shrewsbury, MA 01545 (U.S.A.)
Telephone: (508) 842-2224
Fax: (508) 842-3893
Web site: weldengineering.com
email: sales@weldengineering.com

WELDSPRAY

Welding Automation & Thermal Spray

Pipe Mill Flux Recovery



**FD-55
FLUX
DRUM**



WELDSPRAY

Welding Automation & Thermal Spray

Flux Pressure Feed Systems

- Pressure Feeds welding equipment.
- Flux recovery systems can be included.

PT-100
Pressure Feed
Tank



PFR-3000
Pressure Feed and
Recovery System



PFR-3000
(With Optional Flux
Level Sensors)

HPFR-3000
Heated Pressure Feed
and Recovery Systems



HPT-100
Heated Pressure
Feed Tank



WELD**SPRAY**

Welding Automation & Thermal Spray

Heated Automatic Mixing

- All are heated Flux Recovery systems.
- Pre-set ratio of new to recovered flux.



GHAMX-150
Gravity Feed
300Lb. Capacity

*Heated
Automatic
Mixing Flux
Recovery
Systems*



HAMX-50

HPFR-HAMX-3000-H300-H300
300 Lb. Heated Automatic Mixing
Hopper, 300Lb. Heated Pressure Feed
System



HPFR-HAMX-3000

*Heated Automatic
Pressure Feed
and Recovery
Systems*



WELDSPRAY

Welding Automation & Thermal Spray

Flux Re-Bake Ovens

- Bakes water, oil, and dust out of flux.
- Stores flux hot to keep out moisture.

HTS-700-850°
700 Lb. 850°F
Super Oven

FO-700HT-AB

High Temperature
700 Lb. Automatic
Re-Bake Oven



FO-700-AB

700 Lb. Automatic Re-Bake Oven



PFO-100
Portable
100 Lb. Oven



HTP-100-850°
100 Lb. 850°F Portable
Super Oven



WELDSPRAY

Welding Automation & Thermal Spray

FLUX RECOVERED ON ROLL



WELD*SPRAY*

Welding Automation & Thermal Spray

RECOVERING FLUX ON PRESSURE VESSEL



WELD*SPRAY*

Welding Automation & Thermal Spray

PIPE MILL FLUX RECOVERY



WELDSPRAY

Welding Automation & Thermal Spray

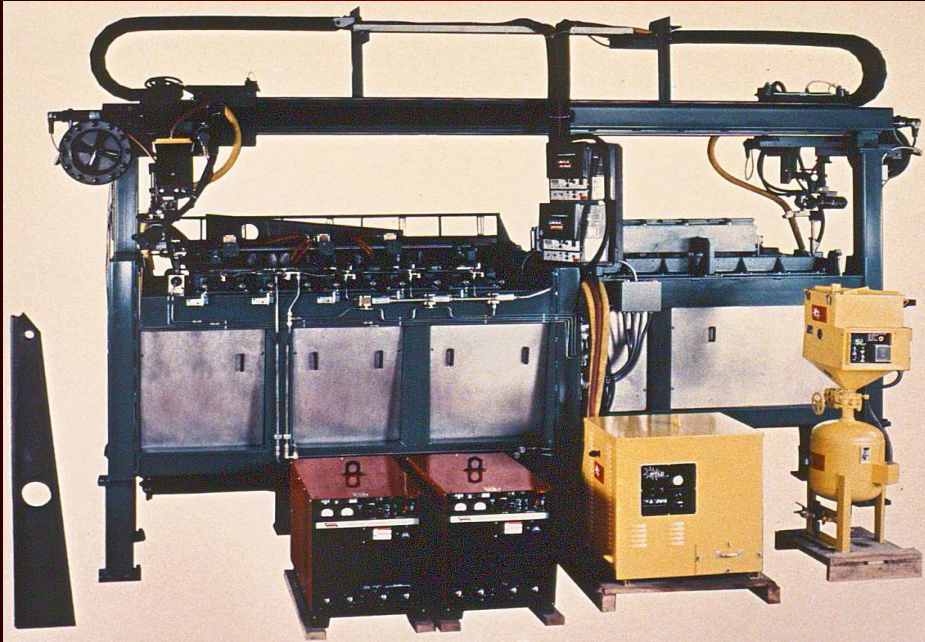
FROM ANOTHER ANGLE AT BERG SETUP



WELDSPRAY

Welding Automation & Thermal Spray

MIGHTY MAC AND PFR-3000



WELDSPRAY

Welding Automation & Thermal Spray

MOUNTED ON BOOM (1)



WELDSPRAY

Welding Automation & Thermal Spray

MOUNTED ON BOOM (2)



WELDSPRAY

Welding Automation & Thermal Spray

Weld Engineering
Can Be Your Total
Source for Flux
Handling Systems!

WELD*SPRAY*

Welding Automation & Thermal Spray

FLUX RECOVERY IN ACTION



WELD*SPRAY*

Welding Automation & Thermal Spray

**“WORLD LEADERS IN SUBMERGED ARC
FLUX HANDLING EQUIPMENT”**



WELDSPRAY

Welding Automation & Thermal Spray