

# FFRS Flux Feed and Recovery Systems

## Efficient Flux Handling for Cost-Effective Welding



- Ideal for continuous and high capacity welding
- Minimum manual flux handling
- Reduced flux consumption for better cost efficiency
- Fewer weld stops for increased efficiency
- Efficient filtration of used air
- Flux feeds from a 20 gal (75 L) capacity TPC-75 pressurized flux tank to the ESAB flux hopper of your choice; 1.6 gal or 2.6 gal (6 L or 10 L)
- Flux feed inlet options; straight or bent

### FFRS Super

- Built on OPC Super modules
- For increased flux and heat conditions
- Based on ejector vacuum principle

### FFRS 2000 & 3000

- Based upon an electrical suction unit creating vacuum
- For use when extra high recovery force is required and for compact welding heads
- Flux dust separated automatically in a pre-separator

### Options & Accessories

Air central.....	0417714880
Flux hopper 2.6 gal (10 L), bent left .....	0156230883
Flux hopper 2.6 gal (10 L), bent front.....	0156230884
Flux hopper 2.6 gal (10 L), bent right .....	0156230885
Holder for hopper.....	0148487880
Level indicator for TPC.....	0452048880
Pneumatic flux valve .....	0802540880
Flux valve control unit .....	0813620880



### Ordering Information

FFRS Super with cyclone filter .....	0809914881
FFRS Super with heaters in TPC .....	0809914882
FFRS Super with Tedak dust filter .....	0809914883
FFRS Super with heaters and Tedak filter .....	0809914884

*FFRS Super systems include 82 ft. (25 m) 1/2 in. air pressure hose, 82 ft. (25 m) flux feed hose from TPC to hopper [65.6 ft. (20 m) for heated systems] 2 m (6.5 ft.) flux suction hose, 19.7 ft. (6 m) dust hose from hopper to filter [32.8 ft. (10 m) for systems with Tedak], bent inlet for flux hopper and flux recovery nozzles.*

FFRS 2000 .....	0809914885
FFRS 2000 with heaters.....	0809914886
FFRS 3000 .....	0809914887
FFRS 3000 with heaters.....	0809914888

*FFRS 2000/3000 systems include 82 ft. (25 m) 1/2 in. air pressure hose, 82 ft. (25 m) flux feed hose from TPC to hopper [65.6 ft. (20 m) for heated systems] 16 m (52.5 ft.) flux suction hose, suction hose between the primary separator and the vacuum unit [2000 = 6.5 ft. (2 m), 3000 = 16.4 ft. (5 m)], bent inlet for flux hopper and flux recovery nozzles.*

### Specifications

	FFRS 2000	FFRS 3000
Weight without flux, lbs. (kg)	507 (230)	882 (400)
Dimensions, LxWxH, in. (mm)	41x18x87 (1053x450x2210)	30x18x87 (750x450x2210)
Primary separator:		
Volume, gal (L)	13 (50)	13 (50)
Dimensions, LxW, in. (mm)	18x28 (450x700)	18x35 (450x900)
Suction unit:		
Type	P160	E-PAK 150
Power, W	1200	3000
Mains supply, V/Hz	110-230 / 50-60	400 / 3-50
Fuse, A	10	16
Max. vacuum, kPa	-21	-25
Max. air flow capacity, ft. <sup>3</sup> /hr (m <sup>3</sup> /hr)	512 (156)	886 (270)
Sound level, dB	74	63
Filter area, ft. <sup>2</sup> (m <sup>2</sup> )	2.0 (0.6)	10 (3)
Life-span of filter, work hours	99.95	99.95
Weight, kg (lbs.)	42 (19)	428 (194)
Dimensions, LxWxH, in. (mm)	19x16x46 (480x400x1160)	47x27x79 (1200x690x2000)

### ESAB Welding and Cutting Products

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