

NON-STOP[®] WIRE DISPENSING SYSTEM

A unique process joins the end wire from a used empty drum with the start wire of the next full drum. Both butt-welding* and flash removal operations take only seconds and the two wire ends may be joined during the welding cycle.

- ▶ **Eliminates downtime for wire changeover**
- ▶ No operator action needed – robots can continue to weld while the next full drum is being installed
- ▶ Designed for use with optional **Wire Pilot[®] Feed Assist and Wire Guide Modules**
- ▶ Accepts any fiber drum or cardboard wire packaging design
- ▶ Resistance Butt Welder (welds up to 0.078" / 2 mm wire)
- ▶ Works with one or two-station robotic cells (2 or 4 drums)
- ▶ Mountable to floor or wall (mounting holes included)
- ▶ Appropriate drum-handling carts available



SPECIFICATIONS *Dimensions will vary based on drum size*

- ▶ **2 Drum Unit:** 47" W x 29" D x 7' H (1.2 m W x 0.74 m D x 2.13 m H)
- ▶ **4 Drum Unit:** 47" W x 55" D x 7' H (1.2 m W x 1.4 m D x 2.13 m H)

* Wire manufacturer must present wire end at top of dispensing drum to butt weld beginning and ending of wires. Call customer service for information.

ACCESSORIES



Wire Gauge Block WGB
For 0.035", 0.045", 0.052", and 0.062" wire (included with docking station)



Wire Parters BW-WP
Leaves flat wire ends for easy butt-welding



Wire Sizer
Order by wire size
Removes burr in wire joint for smooth feeding

Non-Stop[®] Wire Dispensing System with two stations NSW-20.4F-18B-2 (shown)
Shown with optional Butt Welder Docking Station. Docking Station includes Butt Welder, Wire Parters and Wire Gauge Block. Wire Sizer sold separately.

NON-STOP[®] WIRE DISPENSING SYSTEMS & ACCESSORIES

Part No.	Description
NSW-20.4F-18B-2	2-Station System for 20.4" (518 mm) Ø Drums (1-Torch)
NSW-20.4F-18B-4	4-Station System for 20.4" (518 mm) Ø Drums (2-Torch)
NSW-23.1F-18B-2	2-Station System for 23.1" (587 mm) Ø Drums (1-Torch)
NSW-23.1F-18B-4	4-Station System for 23.1" (587 mm) Ø Drums (2-Torch)
NSW-26F-18B-2	2-Station System for 26" (660 mm) Ø Drums (1-Torch)
NSW-26F-18B-4	4-Station System for 26" (660 mm) Ø Drums (2-Torch)
NSW-SC24-18B-2	2-Station System for 1,000 lb (453 kg) Accu-Pak Drums (1-Torch)
NSW-SC24-18B-4	4-Station System for 1,000 lb (453 kg) Accu-Pak Drums (2-Torch)
NSW-OC23.5-18B-2	2-Station System for 23.5" (597 mm) Octagon Drums (1-Torch)
NSW-OC23.5-18B-4	4-Station System for 23.5" (597 mm) Octagon Drums (2-Torch)
NSW-1-2-29-18B	2-Station System for 29" (737 mm) Square Drums (1-Torch)
WGM-NSW-SW-18	Wire Guide Module [®] Swivel Kit Adapter (allows 360° rotation)
NSW-BW-DS-R13	Butt Welder Docking Station (110 V)

Part No.	Description
NSW-BW-DS-220EU-R13	Butt Welder Docking Station (220 V European)
NSW-BW-WS-035	Wire Sizer for 0.035" (0.9 mm) wire*
NSW-BW-WS-040	Wire Sizer for 0.040" (1.0 mm) wire*
NSW-BW-WS-045	Wire Sizer for 0.045" (1.2 mm) wire*
NSW-BW-WS-052	Wire Sizer for 0.052" (1.3 mm) wire*
NSW-BW-WS-062	Wire Sizer for 0.062" (1.6 mm) wire*
NSW-BW-WS-078	Wire Sizer for 0.078" (2 mm) wire*
NSW-BW-WS-1	Wire Sizer without dies* (must specify wire size when ordering)
BW-WP	Wire Parters (included on butt welder docking station)
WGB	Wire Gauge Block (included on butt welder docking station)
NSW-PFA-AK-13	Wire Pilot [®] Feed Assist Mounting Adapter (includes liner)
NSW-BLA	Drum alignment locator with drum straps

* Wire Sizer replacement dies available. Contact customer service for more information.

SYSTEM COMPONENTS & BASIC SETUP

**ELIMINATES
DOWNTIME FOR WIRE
CHANGEOVER!**

ADDITIONAL WIRE EXIT POINT OPTIONS

**Wire Pilot®
Feed Assist
Mounting
Adapter**

NSW-PFA-AK-13



**Guide
Module®(s)**

May be mounted in a
fixed position or with
the Guide Module®
Swivel Kit to allow
360° rotation



DRUM SETUP



Single Torch Unit
(with round drums)



2-Torch Unit
(with round drums)

DRUM 1

DRUM 2

Start
Wire

Start
Wire

End
Wire

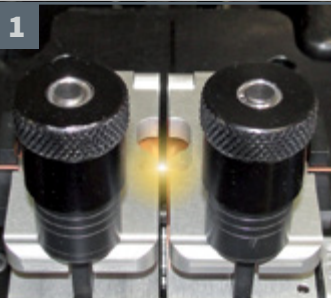


NSW Drum
Hoods

Wire
Whip

Butt Welder
Docking
Station

Wire
Transfer
Arm



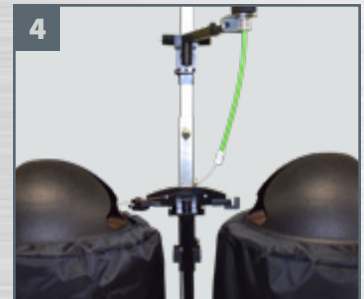
1
Join the end wire from drum 1 with
the start wire from drum 2 using the
Butt Welder.



2
Remove the flash in the wire joint
using the Wire Sizer (sold separately)
or rotary tool with stone bit.



3
Position the wire on the pathway
between the two drums.



4
When wire from drum 1 runs out,
the transfer arm will switch over to
drum 2. Simply replace empty drum
and repeat steps 1 - 3.

