

# SANFEED Sky 4HD

## Wire Feeder

### Processes

MIG (GMAW), Pulse MIG (PGMAW), Flux Cored (FCAW)

### Product Number

WF1300

### Input Voltage

24 VAC 1Phase, 50/60 Hz.

### Rated Output

500A @ 100% Duty Cycle

### Wire Speed Range

58 - 850 IPM (1.5 - 22 m/min)

### Wire Size Range

.024" - 5/64" (0.6 - 2.0 mm)

See back for complete specifications.

### Industrial Applications:

Heavy- or light-duty fabrication shops, Trailer manufacturers, Furniture manufacturers, Automotive products, Educational institutions.

### Features:

- **Inch Purge Switch:** 'Cold' wire inch and gas purge.
- **Gun Trigger Hold (2T/4T):** Allows for standard or latched gun trigger.
- **Remote Voltage Control:** Allows adjustment of power source voltage from the wire feeder.
- **Machined feed head & tension arms:** Heavy Duty, precision, ensures wire alignment tolerances of +/- .002. Large 4 driven drive roll system. Optimized wire traction for improved feedability.
- **Electronic speed control & dynamic breaking:** Optimized speed control with line voltage and load compensation.
- **Coax Interface cables:** Easy fit, plug-in, includes control, power and gas in one cable.
- **TWECO® Style Welding Gun Connection:** Quick and easy connection and disconnection for welding guns.
- **Digital Meters:** Weld Current and adjustable controls.
- **Welding Wire Spool Cover:** Heavy Duty cover protects wire from the elements.

**Performance  
Features  
Reliability**



**3 Year Warranty**

**SanRex**

Customer Care  
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SANFEED SKY4HD  
Form No.:011823SKY4HD

## Features



### Spool Wire Cover

Heavy Duty Cover to protect welding wire.

### Control Knob

Operator control of Wire feed speed.

### 2T/4T Switch

Standard or latched trigger.

### Inch Purge Switch

"Cold" wire inch and gas purge.

### Voltage Control Knob

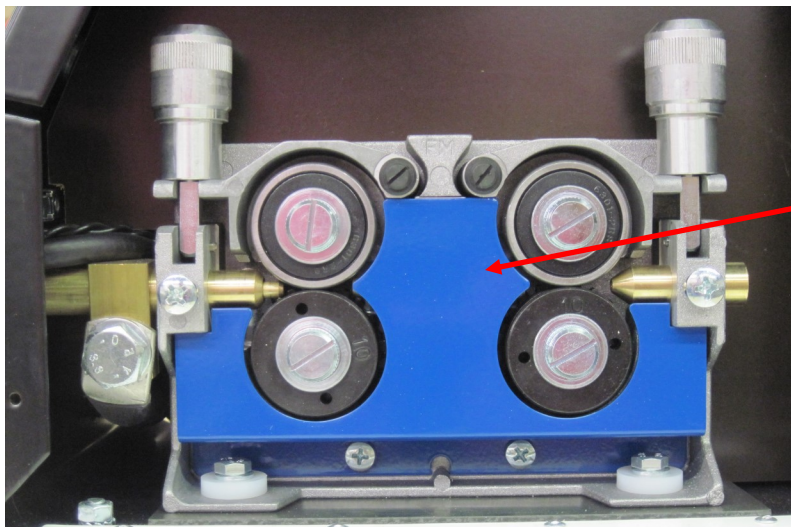
Operator control of Power Supply Voltage.

### Digital Meters

Weld Current and adjustment controls.

### Tweco® or Miller® style Heavy Duty Gun Connection.

Quick and easy connection and disconnection for welding guns.



### Machined feed head & Tension arms

Heavy Duty, precision, ensures wire alignment tolerances of +/- 0.002. Large 4 driven drive rolls. Optimized wire traction for improved feedability.

## Specifications

<b>Sky 4HD</b>
<b>Input Voltage</b> 24 V, 1 Phase, 50/60 Hz.
<b>Rated Output @ Duty Cycle</b> 500A @ 100%
<b>Input Frequency</b> 50/60 Hz
<b>Wire Speed Range</b> 58 – 850 IPM (1.5 - 22 m/min.)
<b>Wire Size Range</b> 0.024" - 5/64" (0.6 - 2.0 mm)
<b>Wire Spool Size</b> 10 lb (4,5 kg) 8" Spool 15 lb (6.8 kg) 8" Spool 30 lb (13.6 kg) 12" Spool 45 lb (19.5 kg) 12" Spool
<b>Approvals</b> CSA (Pending); IP23S, IEC 60974-1 (CE)
<b>Weight</b> 35.27 lb (16 kg)
<b>Dimensions (HxWxD)</b> 13.38" x 12.60" x 21.65" (340 x 320 x 550 mm)



### Coaxial Interconnect Cable

Gas, Power and Control cable in one heavy duty one piece easy to connect coax cable.

## Ordering Information

Product	Part Number	Description
SANFEED Sky 4HD (Tweco Gun Version)	WF1300T	Four roll CV wire feeder with wire feed speed/amp control & voltage control; burnback and Digital Meters; <i>includes drive rolls for 0.035 &amp; 0.045 solid wire.</i>  <i>Note: Coaxial Interconnect Cable not included. Order below.</i>
SANFEED Sky 4HD (Miller Gun Version)	WF1300M	Four roll CV wire feeder with wire feed speed/amp control & voltage control; burnback and Digital Meters; <i>includes drive rolls for 0.035 &amp; 0.045 solid wire.</i>  <i>Note: Coaxial Interconnect Cable not included. Order below.</i>

### Accessories

Caster Kit	WFW001	Four swivel caster set.
Control Cable	FC1008	Wire Feeder Control cable only, 10ft.
Coaxial Interconnect Cable - Complete assembly from wire feeder to power source.		
4ft. Coaxial Cable	WFC004	Coaxial Interconnect Assembly
8 ft. Coaxial Cable	WFC008	Coaxial Interconnect Assembly
15 ft. Coaxial Cable	WFC015	Coaxial Interconnect Assembly
25 ft. Coaxial Cable	WFC025	Coaxial Interconnect Assembly
50 ft. Coaxial Cable	WFC050	Coaxial Interconnect Assembly
Drive Rolls (Sold individually, 2 smooth required per feeder)		
Drive Roll	WFR001	0.023", 0.030" (0.6, 0.8 mm) Hard Wire (V Grooved)
Drive Roll	WFR003	0.035", 0.045" (0.9, 1.2 mm) Hard Wire (V Grooved)
Drive Roll	WFR006	0.052", 1/16" (1.3, 1.6 mm) Hard Wire (V Grooved)
Drive Roll	WFR007	0.035", 0.045" (0.9, 1.2 mm) Flux Cored Wire (Knurled)
Drive Roll	WFR010	0.045", 1/16" (1.2, 1.6 mm) Flux Cored Wire (Knurled)
Drive Roll	WFR013	5/64" (2.0 mm) Flux Cored Wire (Knurled)
Drive Roll	WFR014	0.035", 3/64" (0.9, 1.2 mm) Aluminum Wire (U Grooved)
Drive Roll	WFR020	Smooth