**BLOWER AIR** 

COLD ROLLING MILLS

## WINDJET® AIR KNIFE PACKAGES

## **OVERVIEW:**

- Powered by a rugged, regenerative blower; no compressed air required.
   Costs can be reduced by 95% or more
- A uniform high volume, constant heated air stream is produced along the entire edge of the knife eliminating spotting problems
- · Low operating noise
- Large application area
- Packages are customized based on application
- Use when velocity is needed or the oil in compressed air is causing quality problems
- Knife lengths of 6", 12", 18", 24", 30" and 36" (152, 305, 457, 610, 762 and 914 mm)
- Air slot sizes of .040" and .060" (1 and 1.5 mm)
- Aluminum and 316 stainless steel material options
- Blower assemblies: 5.5, 10, 20, 25 and 30 Hp (4.1, 7.5, 14.9, 18.6, 22.3 kW). Include pressure relief valve, pressure gauge, air inlet filter, filter monitoring gauge, fittings, mounting adapter for flexible or rigid tubing
- Ideal for drying cut sheet and rolls and debris removal

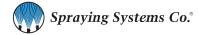


Regenerative blower assemblies available in wide range of horsepower and air knife lengths

## **PLACING YOUR ORDER**

Call your local steel specialist for application assistance or to place an order.

FOR DETAILED NOZZLE PERFORMANCE DATA, SEE spray.com/steelcatalog/sectionD



## **COMPRESSED AIR**

## WINDJET® COMPRESSED AIR NOZZLES

## **OVERVIEW:**

- Economical alternative to drilled pipe
  - Air nozzles use compressed air use 25% to 35% less air than open pipe
  - Low flow air knives use 89% to 92% less air than open pipe
  - Air amplifiers use 75% to 90% less air than open pipe
- Perceived noise reductions ranging from 28% to 60% less than open pipe
- Improved worker safety
- AA727 nozzles produce controlled flat fan air pattern for uniform distribution
- AA707 nozzles produce tightly directed round spray pattern and feature color-coded aluminum caps for easy flow rate identification
- Y767 nozzles feature a short profile less than half the height of the AA727
- Ideal for drying cut sheet and rolls and debris removal



**AA727 WindJet nozzles** 

1/4" male or female conn. Polyphenylene sulfide, aluminum, ABS plastic or 303 stainless steel



**AA707 WindJet nozzles** 

1/4" male conn.
Polyphenylene sulfide, PVDF, aluminum, ABS plastic or 303 stainless steel



# WINDJET COMPRESSED AIR LOW FLOW AIR KNIVES AND AIR AMPLIFIERS

#### **OVERVIEW:**

- Low flow air knives provide a uniform, high velocity air flow across the entire length of the knife with no temperature increase
- Air amplifiers deliver a targeted high-volume, high velocity amplified air stream



WindJet air amplifiers 1/8" to 1/2" female conn. Aluminum and 316 stainless steel material options

## **UNIJET® AIR NOZZLES**

## **OVERVIEW:**

 Blow-off spray tips specifically designed for use with air and steam to deliver a wide, uniform spray



Shim sets available to adjust air

force and flow

**UniJet blow-off nozzle** 1/8" to 3/8" conn.
Brass or 303 stainless steel

#### **LU-VK AIR NOZZLES**

# **OVERVIEW:**

- Round high-performance, multi-orifice air nozzle
- One-piece, compact design is well-suited for use in confined areas



**LU-VK air nozzle** 1/2" to 3/4" female conn. Brass or 303 stainless steel

## **AIR NOZZLE HEADERS**

# **OVERVIEW:**

WindJet air nozzles can be mounted on a header to ensure uniform coverage of the target area. Standard manifolds are available with 4 to 30 nozzles. Impact can be increased from moderate to very high with a simple operating pressure adjustment.



