



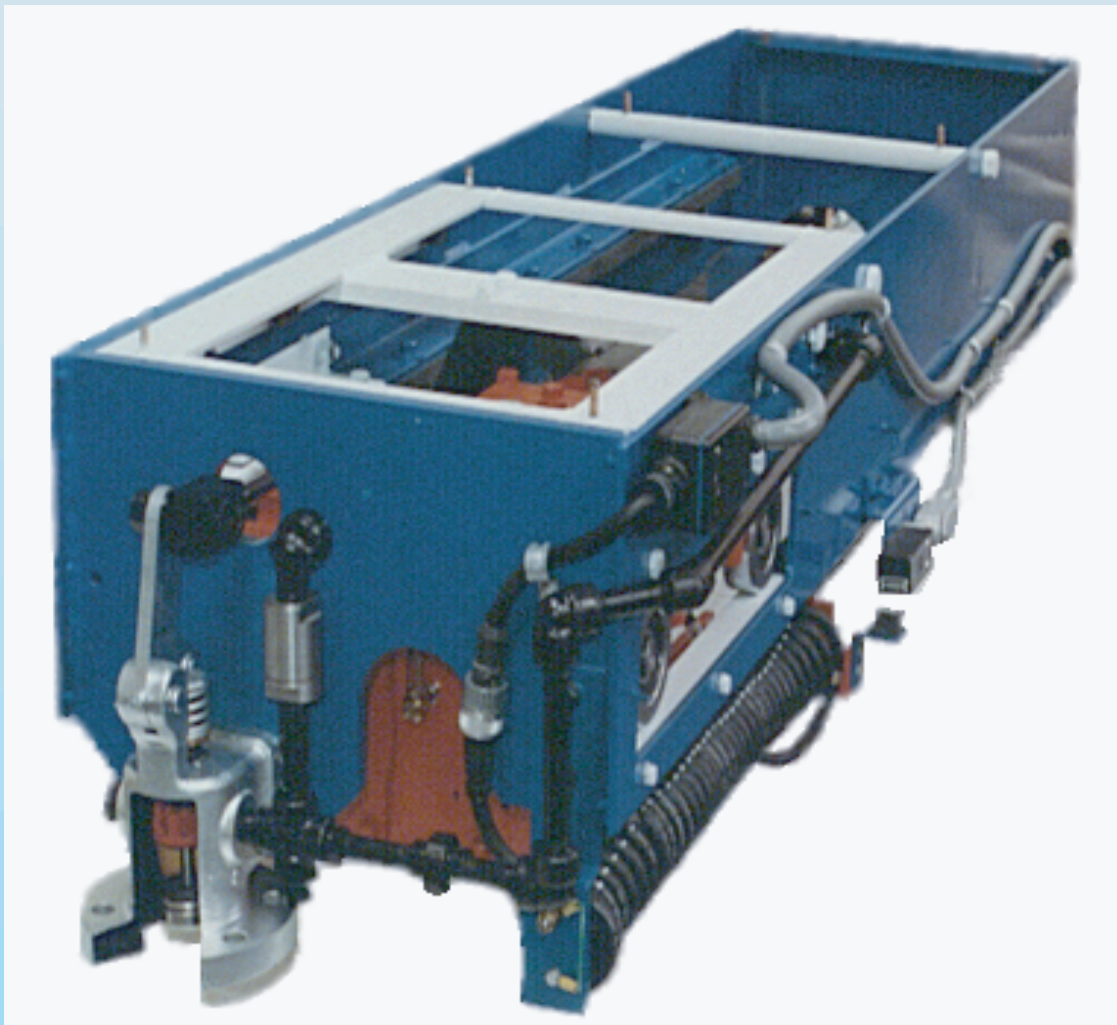
Diamond Power Specialty Company

a McDermott company

IK-600[®]

"The Original Open Beam Sootblower"[™]

Patented Design

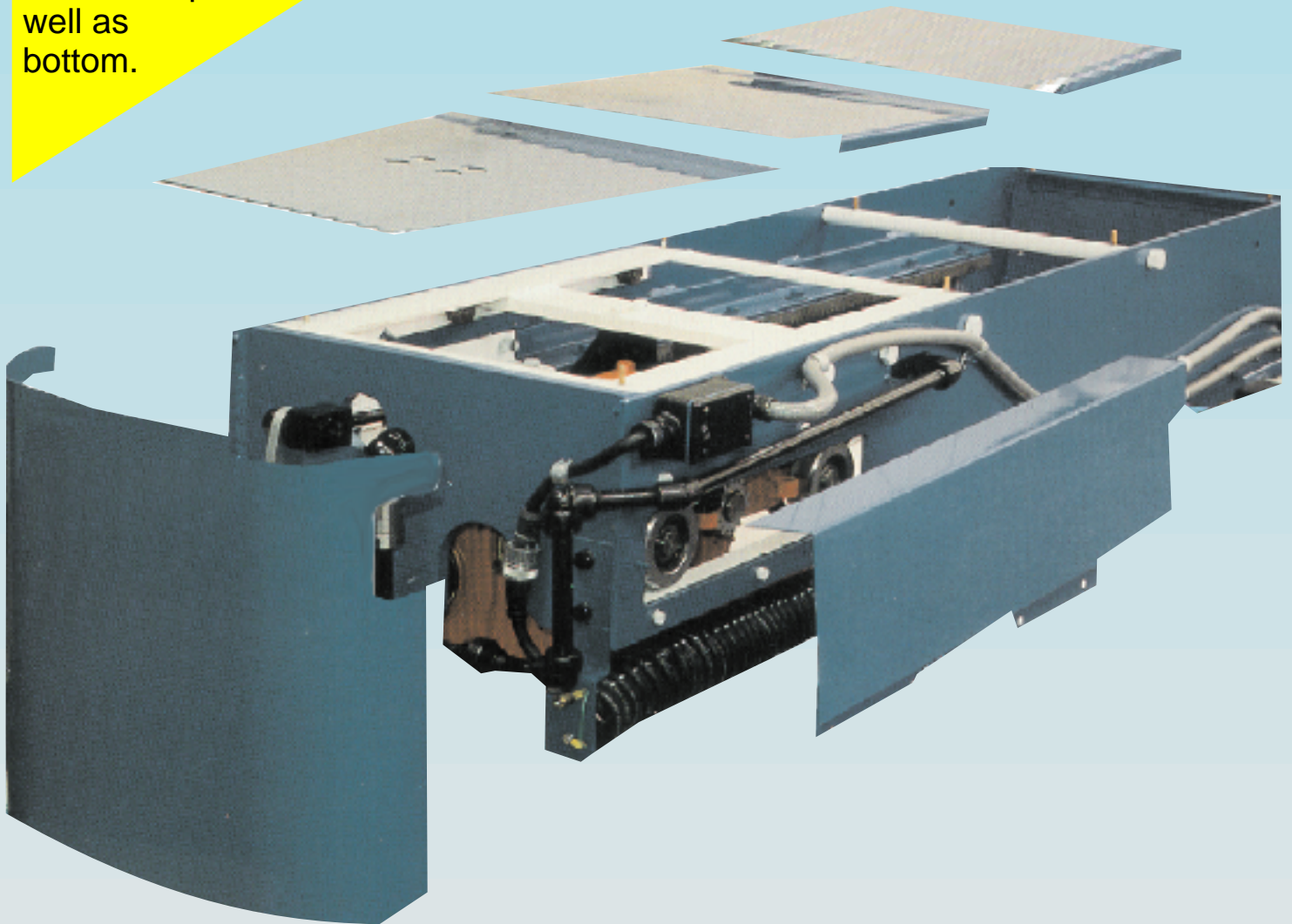


Maintenance Friendly
Severe Duty Design
Standard Components

FEATURES

The new IK-600[®] patented design is for the Pulp & Paper recovery boiler market. It is an improved IK-Severe Duty[™] sootblower incorporating a major maintenance breakthrough, the open beam design. The IK-600[®] combines features of the IK-Severe Duty[™] with a Diamond Power open beam design, that dates back to 1982. This design allows inspection, maintenance and replacement of all major components from the top as well as bottom.

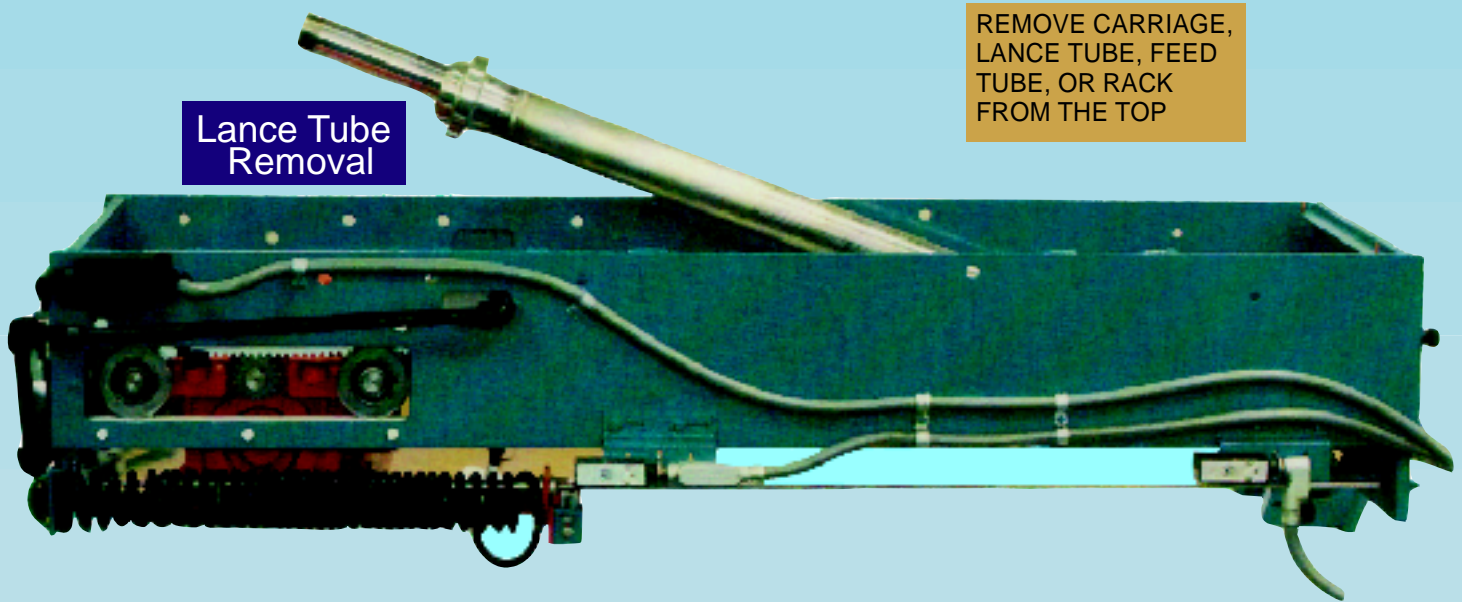
IK-600[®] "THE ORIGINAL OPEN BEAM SOOTBLOWER" uses rugged bolt-in tie bars and a frame assembly that can be easily removed and installed. Patented design.



- REDUCED MAINTENANCE COST
- INCORPORATES DEPENDABLE FEATURES OF IK-SEVERE DUTY[™]
- IK-600[®] RETROFITS ANY SOOTBLOWER

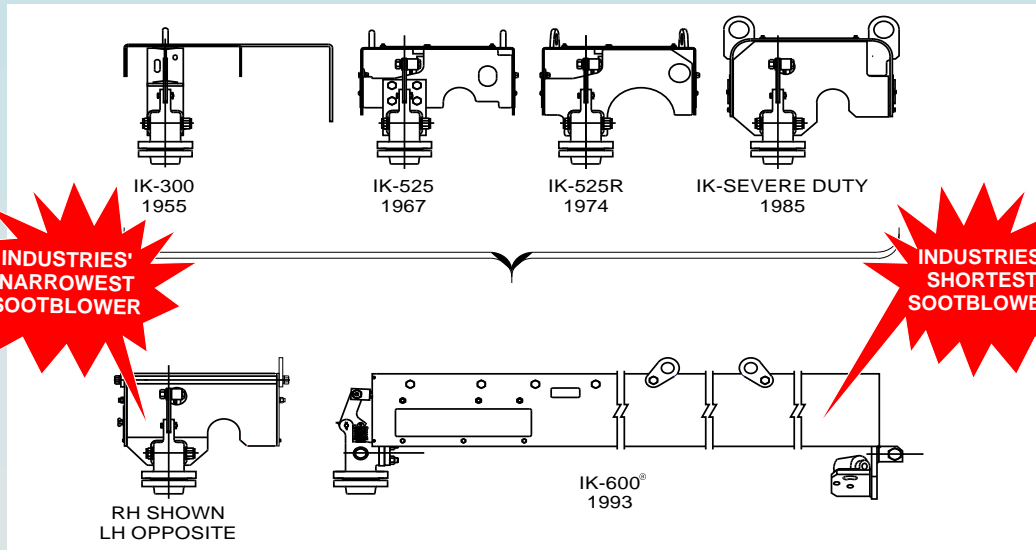
IK-600[®]

The Most **Maintenance Friendly** Sootblower



IK-600[®]

The Most **Retrofit** Capable Sootblower



THE IK-600[®] REPLACES BLOWER ASSEMBLIES

- IK-525
- IK-525R
- IK-Severe Duty

THE IK-600[®] REPLACES BEAM ASSEMBLIES

- IK-525
- IK-525R

THE IK-600[®] REPLACES CARRIAGE ASSEMBLIES

- IK-525
- IK-525R

1. The IK-600[®] benefits are readily adaptable to retrofit existing Diamond Power models.

2. The IK-600[®] benefits are:

- Maintenance Friendly
- Robust Design
- Improved Reliability
- Adaptable Features
- Interchangeable Parts
- Cost Competitive

IK-600[®]

The Ultimate **Severe Duty** Sootblower

Standard Specifications

TO ASSURE ORDERING A GENUINE PATENTED DESIGN DIAMOND POWER IK-600[®] SOOTBLOWER, SPECIFY THE UNIQUE SIX FEATURES HIGHLIGHTED IN THE STANDARD SPECIFICATIONS BELOW.

BEAM	5/16" THICK CARBON STEEL SIDE PLATES
POWER	EXTERNAL FLOATING EXPANDA CABLE
CONTROL	EXTERNAL PROXIMITY SWITCH
CARRIAGE	SERIES ONE FULL CIRCULATING OIL BATH
PINIONS	16-TOOTH FULL INVOLUTE, 4-3/8" O.D. ROLLERS
INDEXING	EACH END OF TRAVEL
COVERS	REAR & SIDE SAFETY COVERS
COVERAGE	UP TO 22'-0" TRAVEL
SPEEDS	40, 75, 110, 145 INCHES / MINUTE, 5-INCH HELIX
MOTOR	2HP, 1725 RPM, TENV, 1.15 SERVICE FACTOR
LANCE	3-1/2" O.D. CHROME-MOLY ALLOY, BUTT WELD FLANGE
NOZZLE	SELECTED TO FIT YOUR CLEANING APPLICATION
FEED	2-3/8" O.D. TP-304 STAINLESS, BRONZE FLANGE
VALVE	FLEXIBLE SEAT & DISC, STELLITE TRIM, PRESSURE CONTROL INDEPENDENT OF VALVE OPENING
MOUNTING	SWIVEL MOUNT, NEGATIVE WALLBOX WITH PURGE, INTEGRAL REAR SUPPORT

IK-600[®]

LEADS THE WAY WITH PERFORMANCE ENHANCEMENTS

The Following **Options** Significantly Reduce Maintenance and Provides Enhanced Sootblower Cleaning Performance

TOP COVER ASSEMBLY

A TOP COVER ASSEMBLY PROVIDES PROTECTION FOR INTERNAL COMPONENTS. THE TOP COVER ASSEMBLY IS EASILY REMOVED AND INSTALLED WITHOUT ANY TOOLS.

LLG

LIVE LOADED GLAND FOR FEED TUBE PACKING GREATLY REDUCES MAINTENANCE ON A TRADITIONALLY HIGH MAINTENANCE COMPONENT.

PHM

PROGRESSIVE HELIX MECHANISM IMPROVES CLEANING COVERAGE OF THE NOZZLE BY INCREMENTALLY CHANGING THE NOZZLE PATH.

MPCS

MAXIMUM PIP CAST STRAIGHT WALL NOZZLE MAXIMIZES ENERGY FOR SIGNIFICANTLY IMPROVED BOILER CLEANING.

INSULATED FEED TUBE

INSULATED FEED TUBES ARE RECOMMENDED FOR OVER 650°F STEAM SOURCE TO EXTEND LIFE OF THE FEED TUBE PACKING AND CARRIAGE OIL LUBRICANT.

PLUS PRESSURE WALLBOX

PLUS PRESSURE PURGED WALLBOX PROVIDES A CLEANER BOILER HOUSE, INCLUDING THE SOOTBLOWER, BY KEEPING ASH AND FUMES INSIDE THE BOILER.

POLY-URETHANE PAINT

PROVEN IK-SEVERE DUTY PAINT APPLICATION FOR CORROSIVE ENVIRONMENT.



IK-600[®] "THE ORIGINAL OPEN BEAM SOOTBLOWER"[™] Patented Design

- Dramatic Reduction in Maintenance Cost
- Increased Maintenance Access
- Retrofits Any IK Sootblower
- Designed For Lowest Life Cycle Cost
- Fits where the Competition Does Not

For further information contact:
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