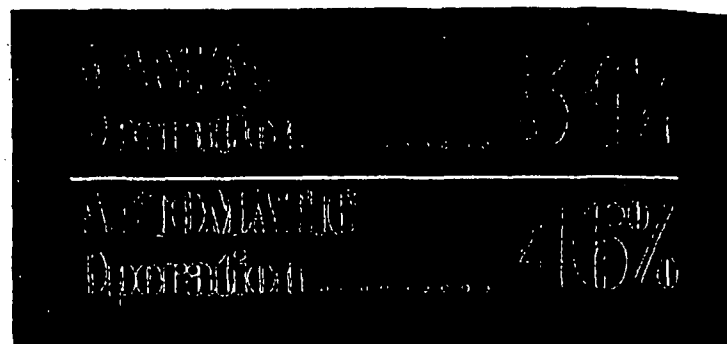


Trends in Soot Blowing

The last 50 orders for Diamond Soot Blowers received from CENTRAL STATIONS were divided like this:



In response to many inquiries about present trends in soot blowing, we analyzed the last 50 orders for soot blowers received from Central Stations. Central Stations were selected because they are highly conscious of the need for, and economic advantages of, the most effective equipment.

Results of this study show a definite trend toward automatic soot blowing . . . particularly automatic soot blowing with air as the cleaning medium.

Among the advantages of automatic operation over manual operation are: (1) a thorough job of cleaning is always assured . . . no blowers can be forgotten or operated incorrectly, (2) labor is saved, (3) some saving of energy from the coal pile, and (4) remote operation from boiler

control panel or other convenient point.

The advantages of automatic air over automatic steam include: (1) feed water make up saved, (2) lower cost piping requiring no insulation, (3) dryer blowing medium for surfaces operating near dew point, (4) more effective medium for slag removal because of its greater density and lower temperature, and (5) reduced blower maintenance.

Diamond pioneered automatic blowing . . . both air and steam. Diamond builds soot blowers to meet every requirement . . . has a long record of success on all kinds of blowing problems. You will find it advantageous to consult Diamond whenever you need soot blowing equipment.

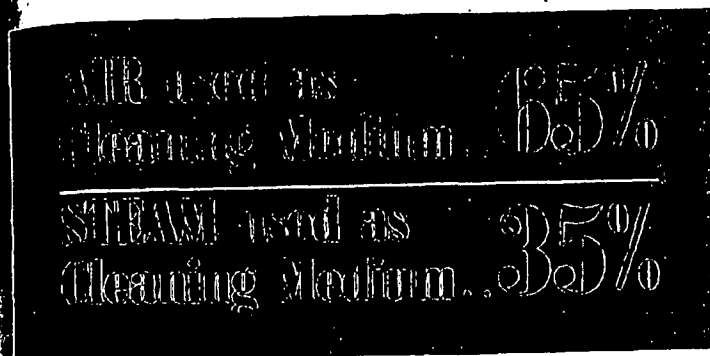


DIAMOND POWER SPECIALTY CORP.
DETROIT 31, MICHIGAN
Diamond Specialty Limited • Windsor, Ontario

**WRITE FOR
BULLETIN 1014**

It illustrates and describes the varied line of Diamond Soot Blowers . . . shows how they meet differing needs.

Further analysis of the orders for AUTOMATIC SOOT BLOWING SYSTEMS only revealed that:



**DIAMOND Model A2E Automatic
Air-Pull Soot Blower**

Automatically draws soot through by action of compressed air with delivery through permanently installed duct with blowing medium.

**DIAMOND Model C98
Soot Blower**

Uses steam as blowing medium through permanently installed duct with delivery through permanently installed duct with blowing medium.

**DIAMOND Model M Short
Retracting Soot Blower**

Uses either air or steam as blowing medium. Operation is manual. AP (Steam) or electric.

DIAMOND Model M Long Retracting Soot Blower

Operates on either air or steam. AP (Steam) or electric. Operation is manual.

DIAMOND Telescope Long Retracting Soot Blower

Operates on either air or steam. AP (Steam) or electric. Operation is manual.