



Belt width inches	Exhaust flow rate cfm	Exhaust flow rate cfm
	Good enclosure *	Enclosure
1 1/2	220	300
2	390	610
3	500	740
4	610	880
5	880	1200
6	1200	1570

* Hood as shown; no more than 25% of wheel exposed.

$$h_e = 0.40 VP_d$$

Minimum duct velocity = 3500 fpm, 4500 fpm if wet or sticky.

Notes:

1. Consult applicable NFPA codes, 10.80.2
2. For titanium, aluminum and magnesium eliminate hopper and use 5000 fpm through hood cross section.
3. Caution: do not mix ferrous and non-ferrous metals in same exhaust system.



TITLE

BACKSTAND IDLER
POLISHING MACHINE

FIGURE

VS-80-32

DATE

02-91