

**NOTE:** This schematic illustrates one method of connecting the Hydrapurge II to the Hydrapulper. The Hydrapurge II can also be connected directly to the Hydrapulper tub, or a trashwell or other junk removal device.

The Black Clawson Hydrapurge II detashing system is designed to remove plastics, styrofoam and other lightweight contaminants as well as heavy debris, directly from the waste paper pulper tub. The contaminants are removed from the tub before they break down small enough to pass through the holes of the extraction bedplate. With constantly increasing amounts of plastics and other types of contaminants in waste paper furnish, the Hydrapurge II detashing system prevents contaminant build up in the pulper tub that results in loss of production, wasted power, excessive downtime for cleanout and increased wear. The Hydrapurge II detashing system is a proven, reliable means of maintaining "sweet" waste furnish pulpers.

## METHOD OF OPERATION

The Hydrapurge II detrasher operates on a cycle basis, extracting stock directly from the pulper tub for a period of time. Fiber is accepted through a perforated bedplate located behind the back wall mounted rotor sending it directly downstream. Plastics and other lightweight debris build up inside the body of the Hydrapurge II. Periodically,

the contaminants are washed and purged to the Select-purge™ dewatering drum for thickening and removal from the system. All cycle phases are sequenced and timed with a programmable controller.

## FEATURES

- Keeps pulper sweet—decreasing or eliminating downtime for cleanout
- Removes plastic contaminants in large pieces, with little degradation
- Largest volume of contaminants and lightweight plastics are removed at the operating floor level
- Increased pulper throughput
- Protection against tramp metal damage
- Simple operation—minimum controls required
- Can be retrofitted to most existing waste paper pulping systems
- Eases burden on downstream equipment by removing contaminants directly from the pulper tub



605 Clark St., Middletown, OH 45042  
Phone: (513) 424-7400  
Telex: 203513 • Fax: (513) 424-1168

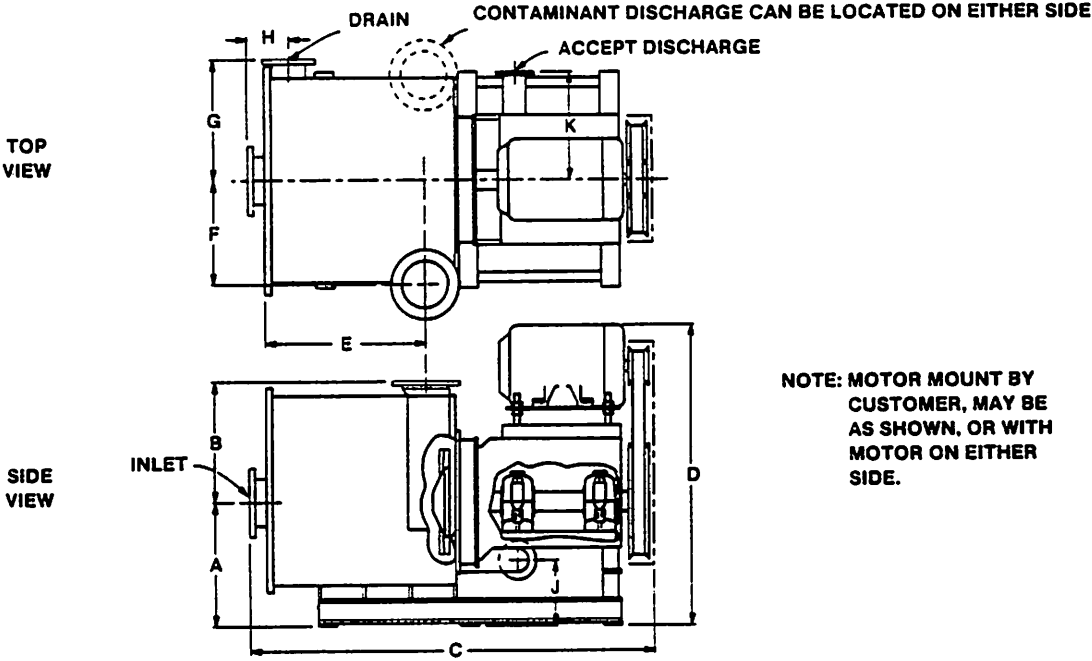
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# Black Clawson

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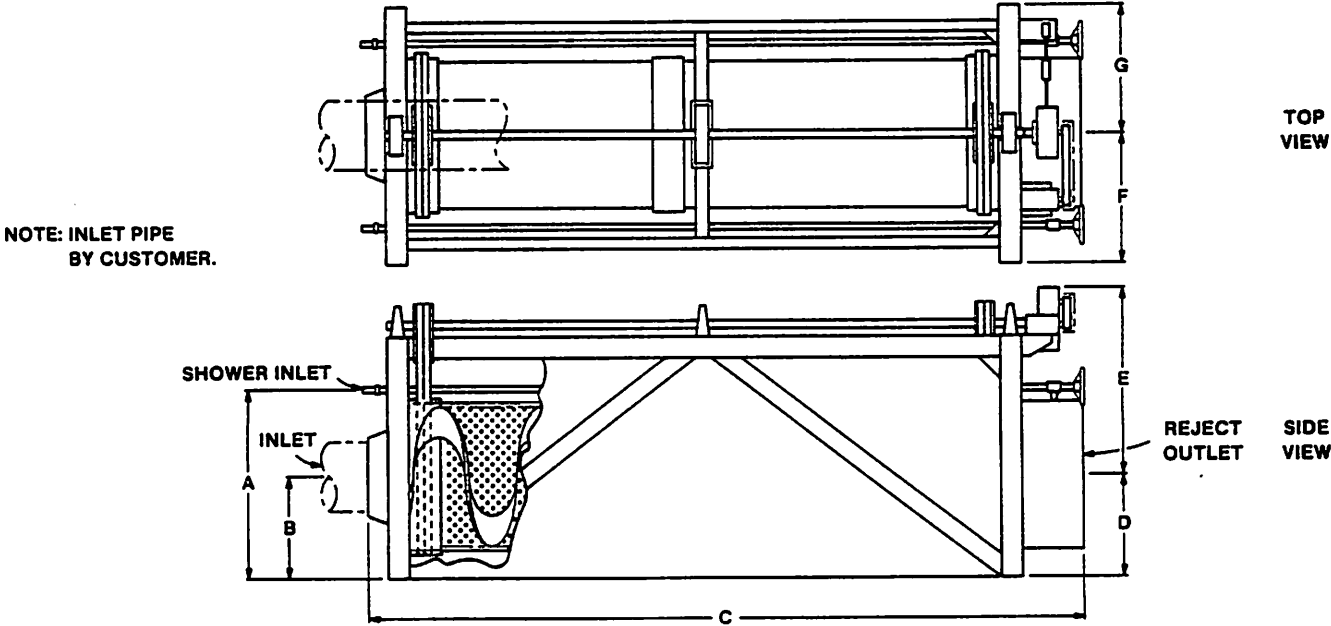
HYDRAPURGE™ II



NOTE: MOTOR MOUNT BY CUSTOMER, MAY BE AS SHOWN, OR WITH MOTOR ON EITHER SIDE.

Model		A	B	C	D	E	F	G	H	J	K	Inlet	ACCEPT DISCHARGE	CONTAMINANT DISCHARGE
24-950	in. mm	25.0 635	27.50 699	81.00 2057	79.74 2025	38.30 973	24.00 610	25.50 648	8.30 211	12.00 305	18.00 457	10.00 254	6.00 152	10.00 254
33-3000	in. mm	30.00 762	34.00 867	150.00 3810	88.00 2235	68.00 1727	33.00 838	36.00 914	14.00 356	18.00 457	30.00 762	12.00 305	10.00 254	12.00 305

SELECTPURGE™



NOTE: INLET PIPE BY CUSTOMER.

Model		A	B	C	D	E	F	G	Inlet	Reject
4500	in. mm	43.30 1100	25.00 635	186.22 4730	25.00 635	51.77 1315	33.07 840	33.07 840	17.71 450	37.60 955
3000	in. mm	43.30 1100	25.00 635	126.00 3200	25.00 635	51.77 1315	33.07 840	33.07 840	17.71 450	37.60 955

GENERAL DIMENSIONS—NOT CERTIFIED FOR CONSTRUCTION OR INSTALLATION