

Grit Separator GRITSEP® DS



THE BEST SELLING GRIT SEPARATOR

GRITSEP® DS consists of an inclined screw conveyor with a large volume hopper including a water inlet and outlet spout, a shaftless screw housed in a trough, a low-friction anti-wear trough liner, a trough cover, an outlet spout for solid particles, and a drive unit mounted at the outlet end.

Water to be cleaned flows through the inlet spout of the GRITSEP® DS Grit Separator into the sedimentation hopper where solid particles settle.

The low screw rotation speed improves sedimentation and sees to conveying and discharging of de-watered material through the upper outlet.

Technical Features

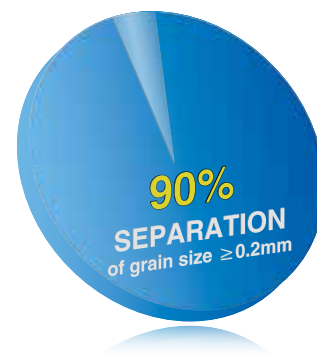
- Hopper manufactured from stainless steel
- Shaftless screw made up from sections of heavy-duty spiral, either in wear-resistant carbon steel or stainless steel
- Trough manufactured from stainless steel and lined with stainless steel bolted wear bars
- Liquid throughput: from 5 m³/h (22.01 gal/min) up to 36 m³/h (158.5 gal/min)
- Solids throughput: from 0.22 m³/h (0.97 gal/min) up to 1.3 m³/h (5.72 gal/min)



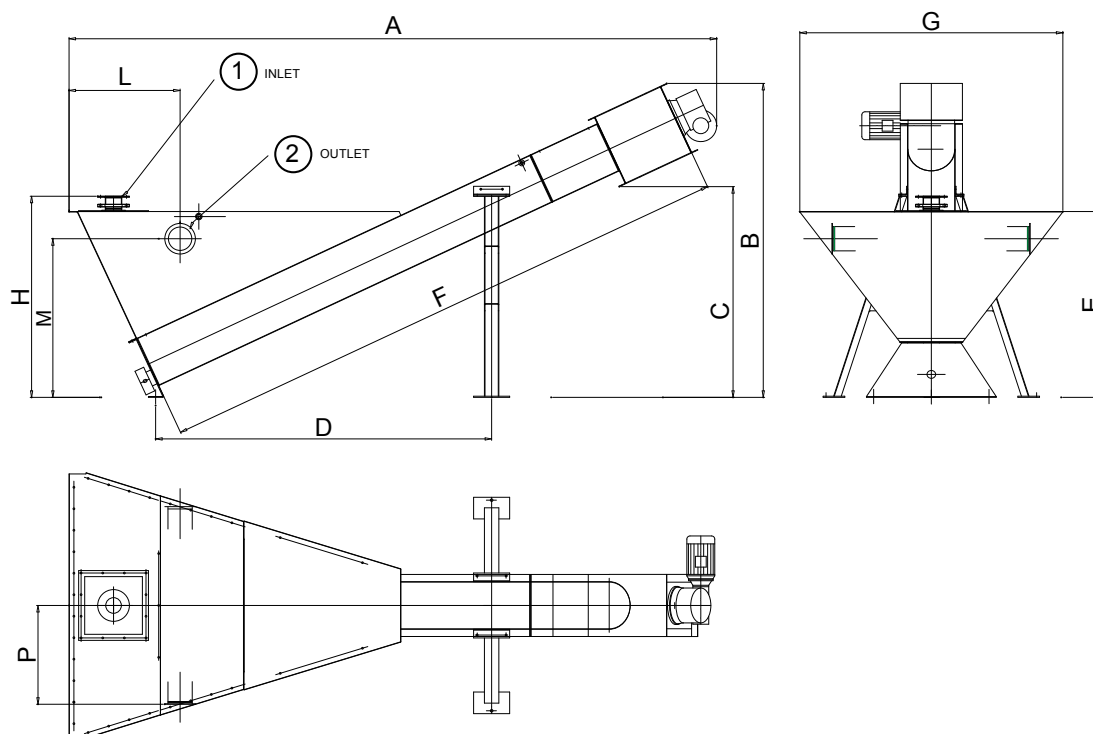
MODEL	Flow Rate (gal/min)	Installed Power Hp	Hopper Capacity (gal)	Average Sand Extraction (cfm)
DS 400	79.25	0.74	118.88	0.127134
DS 1000	132.09	0.74	187.56	0.169512
DS 2000	352.23	0.74	515.14	0.169512
DS 3400	440.29	0.74	776.67	0.169512
DS 4000	572.37	2.01	1,030.27	0.762804

Benefits

- ✓ High separation performance;
- ✓ Trough liner design facilitates quick and easy replacement;
- ✓ Low installation and maintenance costs.
- ✓ Absence of mechanical devices under the liquid level



Overall Dimensions



MODEL	A	B	C	D	E	F	G	H	L	M	P	Flange ① UNI	Flange ② UNI
DS 400*	146.06	79.53	57.09	78.54	54.72	132.48	47.83	58.66	19.29	50.00	25.59	DN80PN10	DN100PN10
DS 1000	176.77	85.43	57.48	91.73	50.79	157.48	72.05	55.12	30.31	43.31	26.97	DN100PN10	DN150PN10
DS 2000	215.75	101.57	72.83	126.57	64.96	196.85	94.33	71.06	30.12	55.12	38.58	DN125PN10	DN200PN10
DS 3400	255.31	118.70	91.34	125.20	80.24	236.81	94.88	86.22	31.10	72.60	42.91	DN200PN10	DN250PN10
DS 4000	259.45	121.65	93.31	155.91	85.83	236.81	98.82	91.73	34.06	78.15	44.88	DN400PN10	2x DN250PN10

* Transport system in tubular screw

For reference only: for detailed drawings please contact the Manufacturer

Dimensions in inch

Accessories

- Endless Tube
- Bag Clamping System

Application



WAMGROUP



SPECOR

WAM Inc.
Georgia Division
75 Boulderbrook Circle
Lawrenceville, GA 30045
Tel.: (770) 339 - 6767
Fax: (770) 339 - 4727
wamgeorgia@waminc.com
www.waminc.com

WAM Inc.
Texas Division
1300 Triad Blvd.
Fort Worth, TX 76131
Tel.: (817) 232 - 2678
Fax: (817) 232 - 2676
wamtexas@waminc.com
www.waminc.com



UNI EN ISO 9001
Certified Company

www.wamgroup.com