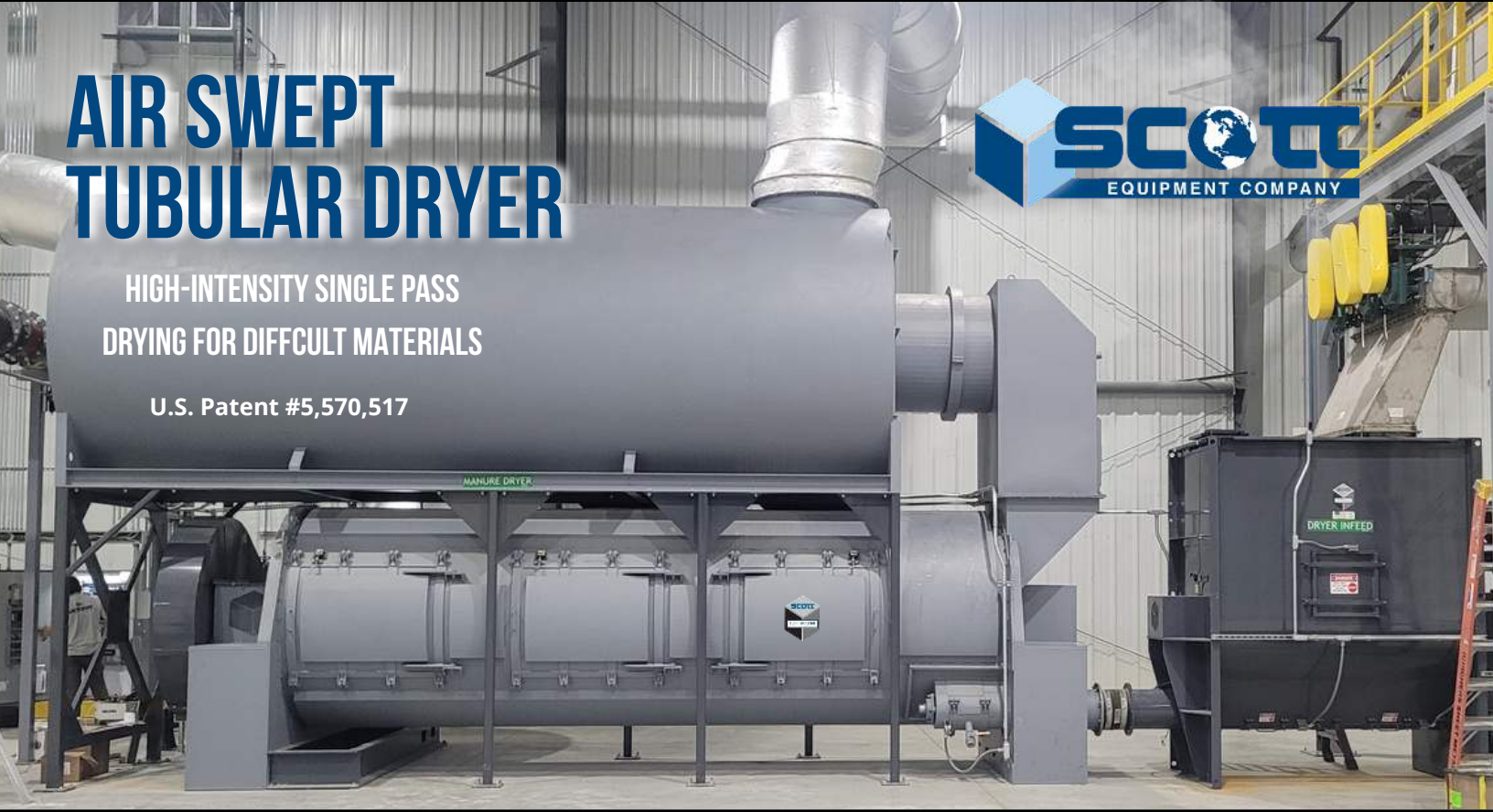


AIR SWEEP TUBULAR DRYER



HIGH-INTENSITY SINGLE PASS
DRYING FOR DIFFICULT MATERIALS

U.S. Patent #5,570,517



UP TO
95%
INCOMING MOISTURE

LESS THAN
1%
FINAL MOISTURE

SINGLE PASS
DRYING

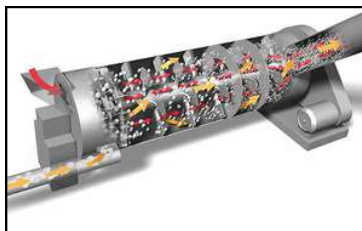
DESIGNED FOR DEMANDING DRYING APPLICATIONS

Scott's Air Swept Tubular (AST) Dryer is designed for durability and versatility. Its adjustable paddles and air dams allow for optimal heat transfer between air and solids. This makes it possible to effectively dry a variety of materials, including filter cakes, thixotropes, and dilatant slurries, powders and difficult-to-handle granules. The AST System can efficiently dry slurries with as little as 5% dry solids content to as much as 99% dry solids in a single pass.



VERSATILE FEED HANDLING

- Slurries
- Filter Cakes
- Powders
- Granules



HIGH-INTENSITY PROCESSING

Patented agitator design incorporates intense mixing and grinding or deagglomerating action.



ENERGY EFFICIENT

BTUs consumed per dry ton are 1--20% less than most existing dryers



ADJUSTABLE RETENTION

Product retention time can be adjusted for hard-to-dry materials.



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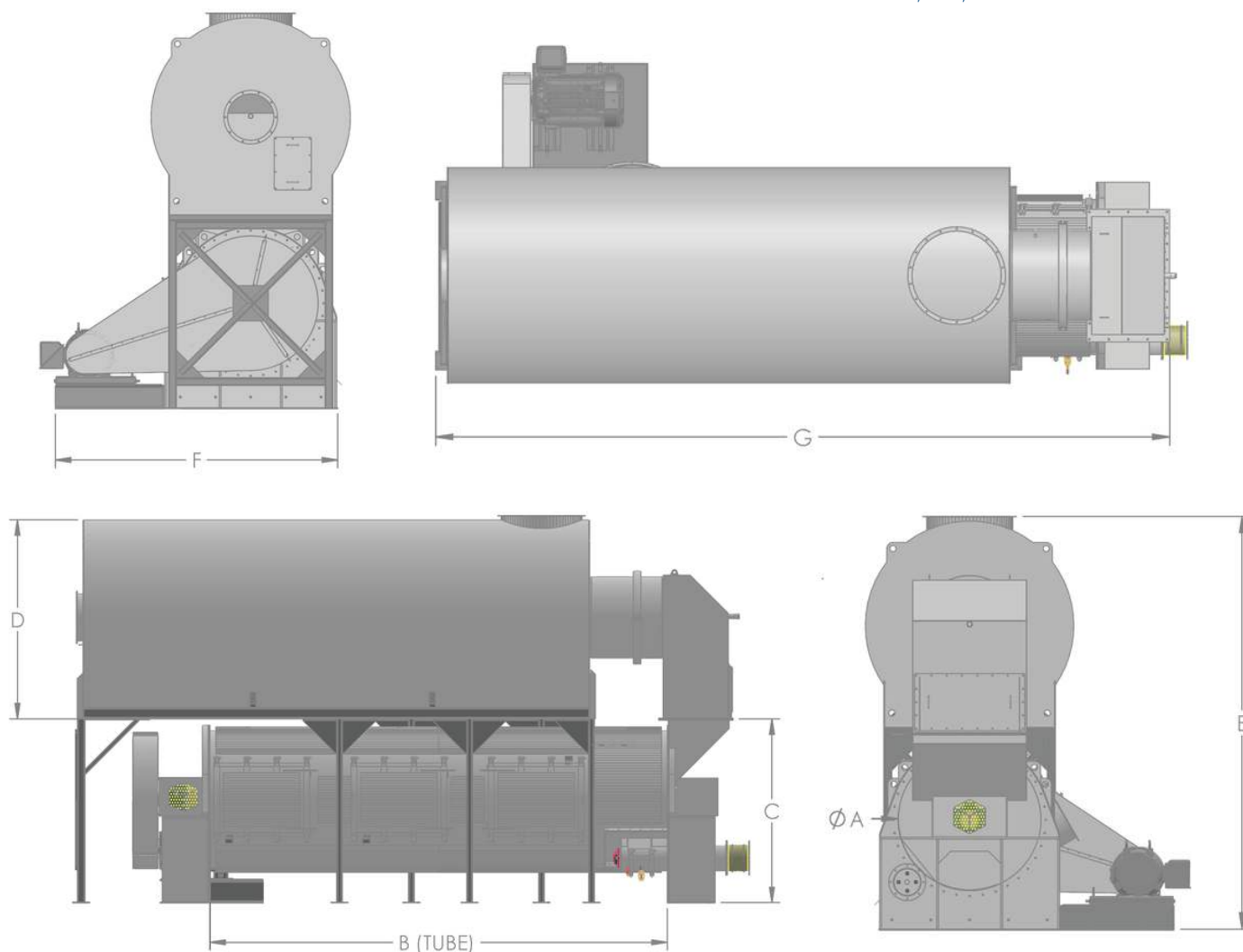
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AST DRYER SYSTEM DESIGN & SPECIFICATIONS

U.S. Patent #5,570,517



AST Dryer Specifications and Measurements - Inches (cm)

Model No.	BTU/hr (MM)	ACFM	A	B	C	D	E	F	G
AST1610	1.0	1500	16 (41)	120 (305)	35 (89)	41 (104)	75 (175)	69 (175)	153 (389)
AST2010	1.0	2500	20 (51)	120 (305)	40 (102)	41 (104)	79 (201)	70 (178)	157 (400)
AST2412	2	4000	24 (61)	144 (366)	44 (112)	50 (127)	94 (239)	72 (183)	184 (467)
AST3012	2.5	6000	30 (76)	144 (366)	48 (122)	56 (142)	105 (267)	86 (218)	195 (495)
AST3612	4.0	8500	36 (91)	144 (366)	56 (142)	61 (155)	117 (297)	93 (236)	194 (493)
AST4215	4 to 8	12,500	42 (107)	180 (457)	65 (165)	63 (160)	127 (323)	108 (274)	234 (605)
AST4815	6 to 9	15,500	48 (122)	180 (457)	68 (173)	71 (180)	136 (345)	108 (274)	238 (605)
AST5418	8 to 14	20,000	54 (137)	216 (549)	96 (244)	100 (254)	193 (490)	125 (318)	288 (732)
AST6018	9 to 15	25,000	60 (152)	216 (549)	97 (246)	75 (191)	169 (429)	125 (318)	288 (732)
AST7220	12 to 18	35,000	72 (183)	240 (610)	100 (254)	100 (254)	205 (521)	148 (376)	340 (864)
AST8424	16 to 24	50,000	84 (213)	288 (731)	120 (305)	108 (274)	228 (579)	104 (264)	480 (1219)
AST9630	24 - 30	65,000	96 (244)	360 (914)	119 (302)	108 (274)	227 (577)	104 (264)	560 (1422)

