Data Sheet	DEU 500, 600 & 800 - Extraction

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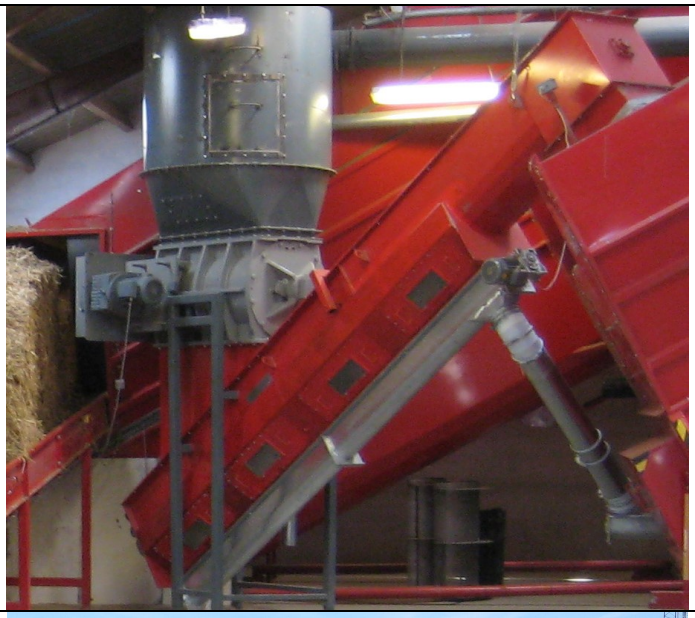
1040-103: Ø500, Ls: 3000, L: 2-9.000	
1050-100: Ø600, Ls: 3000, L: 2-11.000	
1060-100: Ø 800, Ls: 3000, L: 3-12.000	
Machine number	Ø500: 1040-103, Ø600: 1050-100, Ø800: 1060-100
Machine paint	Standard ISO 12944-5 category C2. Machines, guards etc. comes in a color type RAL 3001 red suitable for indoor, non corrosive environment - water and oil resistant -15 to + 60 degrees C, surface purified with alkaline degreaser, painted with a machine primer and here after coating paint.
Custom tariff number	84369900

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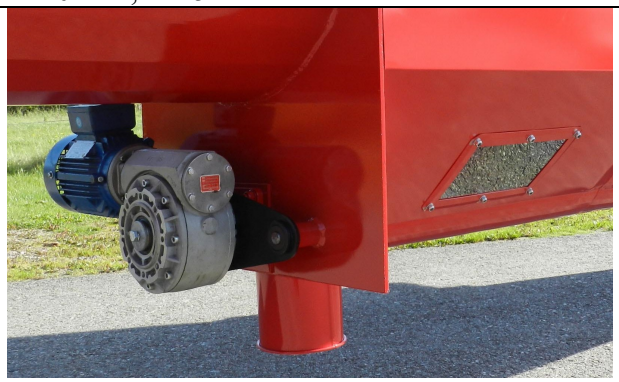
Machine function	The Straw Dust Extraction is made with a screen that can be changed for variation of screening. The dust extraction unit can be used for: Taking the dust out of the material, Sand extraction before briquetting etc. or Straw screening/fragmentation A small auger collects the screened material below the screen.			
Standard	DS/EN 60204-1:2006 Safety of Machinery - Electrical Equipment of Machines, DS/EN ISO 13850 of January 29th 2007 emergency stop, DS/EN ISO 13849-1 safety-related parts of control systems, DS/EN 60204-1: 2006, cable installation method E			
RISK ASSESMENT - Machine	This machine cannot work as a "Stand Alone", and can therefore not be delivered with a CE marking.			
Power, starter and wiring	3-4 meter: 3,0 kW: DOL, 4 x 1mm^2 4-7 meter: 4,0 kW: DOL, 4 x 1,5mm^2 7-10 meter: 5,5 kW: DOL, 4 x 1,5mm^2 Collector: 0,55 kW DOL, 4 x 1mm^2			
Oil type and change interval	Filled from supplier: Shell Tivela S320 (use similar) Exchange every: 4000 hours.			
Gear motor	Model	500	600	800
	Gear	SK 4282 AG	SK 4282 AG	SK 5282 AG
	I:	43,65	43,65	41,94
	RPM	33	33	34 min^{-1}
Model:	1040-200 (Ø500)	1050-200 (Ø600)	1060-100 (Ø800)	
Volume at 75% filling	4,1 m^3 /min.	7,0 m^3 /min.	13 m^3 /min.	
Volume at 50% filling	2,8 m^3 /min	4,6 m^3 /min.	8,5 m^3 /min.	
Volume at 30% filling	1,7 m^3 /min	2,8 m^3 /min.	5,3 m^3 /min.	
Measures transport	Ø500: H: 960 mm, W: 620 mm, L: 1,8 – 9,0 meter Ø600: H: 1100 mm, W: 720 mm, L: 2,0 - 11 meter Ø800: H: 1400 mm, W: 920 mm, L: 3,0 – 12 meter			
Screen area	Dimension	1 screen [m^2]	2 screen [m^2]	3 screen [m^2]
	Ø 500	0,8	1,6	2,4
	Ø 600	0,9	1,9	2,8
	Ø 800	1,3	2,5	3,8
Weight	350 up to 2500 kg			
Screening size dust and sand	Ø 2,0 mm, Ø 2,5 mm, Ø 3,0 mm, Ø 3,5 mm			
Screening, pellet extraction	Ø 8 mm, Ø 10 mm, Ø 15 mm			
Detail picture, collection of dust, sand extracted material and dirt.				

Analyzed risk following EN-ISO 13849-1:	S	F	P	PLr
1. Mounting: The machine is provided lifting positions that ensures balance when lifting and strong enough to hold machine load. Work place assessment should be made, before start with mounting.	S2	F1	P1	c
2. Operating: The machine has to be mounted with a closed filling device, cormall CS rotary valve or similar, and with a closed connected outtake device, Cormall BS buffer silo or similar.	S2	F1	P1	c
3. Servicing: All lubrication positions are from safe position.	S1	F1	P1	a
4. Renovation: The top plates can all be bolted of, and on the bottom of the machine is placed a access cover into the augers screen from underneath, when opening this the machine must be turned off on the main switch and locked.	S2	F1	P1	c
5. Scrapping/recycling: same comment as under 1. Mounting	S2	F1	P1	c

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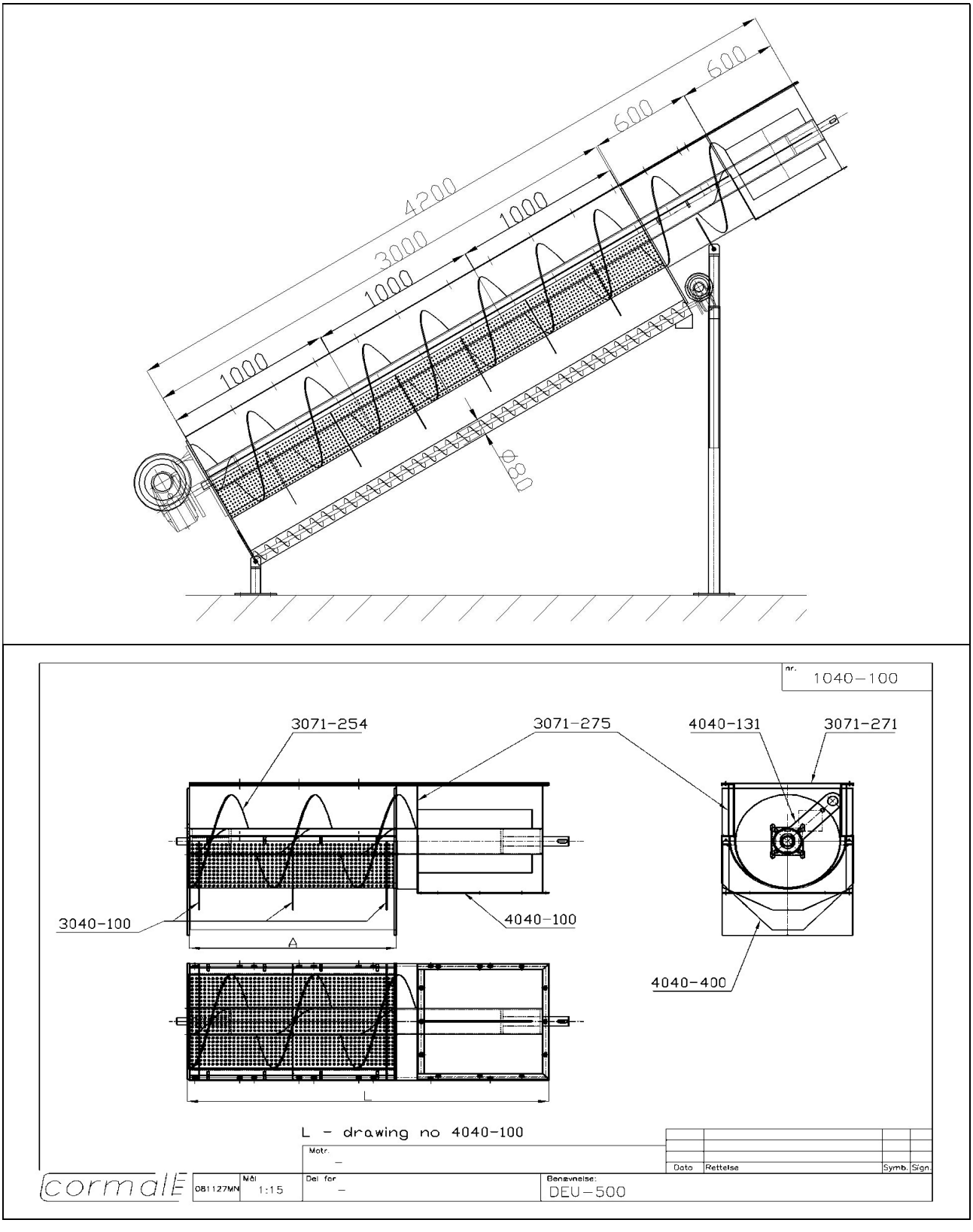
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