MATERIAL TO BE PROCESSED

VSF Cellulose (Dissolving Pulp) Cellulose dor Paper manufacturing	248(as is)lb/1583sq.ft. (650-950g/m²) OBDW,Target Range 709-740 g/m² OD%=92%

JUMBO MOTHER REEL DIMENSIONS

ØREEL	Maximum	114" (2896mm)	Minimum	-
WIDTH (NO TRIMMED)	Maximum	169.0" (4253mm)	Minimum	160.0" (4064mm)
ØCORE	14" (356mm)			
WEIGHT	Maximum	Up to 23 as in metric tons (includes moisture)		

SHEET FORMAT

VSF Grade				
WIDTH (TRIMMED)	Maximum	165" (4191mm)	Minimum	-
LENGTH	Maximum	33.1" (840mm)	Minimum	23.6" (600mm)
WIDTH	Maximum	41.3" (1050mm)	Minimum	22.8" (580mm)
TRIM WIDTH	Maximum	-	Minimum	-
Paper Grade				
WIDTH (TRIMMED)	Maximum	165" (4191mm)	Minimum	-
LENGTH	Maximum	33.1" (840mm)	Minimum	31.5" (800mm)
WIDTH	Maximum	33.1" (840mm)	Minimum	31.5" (800mm)
TRIM WIDTH	Maximum	-	Minimum	-

NOISE LEVEL

≤ 85 dB

SPEED

MAXIMUM	Designed	-
	Operation	820 FPM (250m/min)
VSF Grade		
Maximum capacity of the Sheeter	900 TPD (90% up-time) with standard format **5 x 600 (L) x 800 (W), 200** as is kg bale weight.	
Maximum operation Speed	TBD by Vendor	
Maximum speed per Format	As per the equipment speed curve. To be optimized for standar format of **5 x 600 (L) x 800 (W), 200** as is kg bale weight.	
Paper Grade		
Maximum capacity of the Sheeter	900 TPD (90% up-time) with standard format **5 x 840 (L) x 820 (W), 250** as is kg bale weight.	
Maximum operation Speed	TBD by Vendor	
Maximum speed per Format	As per the equipment speed curve. To be optimizerd for standar format of **5 x** 84**0 (L) x 820 (W), 250** as is kg bale weight.	

CUT

LONGITUDINAL LOAD	Maximum	1800 g/m² (2 webs of 900 g/m² each)
TRANSVERSAL LOAD	Maximum	1800 g/m² (2 webs of 900 g/m² each)
QUALITY	- Unbounded sheets, free of fish-eye effect (tears). Sheets not appear pinched due to the cross cut. - Not pinched sheet edge due to the cross cut.	

BALES

SHEETS BALE HEIGTH	Maximum	36.75" (933)

ACCURACY

VSF Grade	
CUT	
SHEET LENGTH	Target ± 0.5mm
SHEET WIDTH	Target ± 0.5mm
ANGLE	± 0.5mm for sheet of 1000mm length
BALE	
Square	±0.0393" by lineal feet = 0.118"/16.4ft in axis Z (±1mm by lineal feet = 3mm/m in axis Z)
Offset	Sheet by sheet ±0.0393" as maximum (Sheet by sheet ±1mm as maximum)
- No sheet sticking, fish-eyeing, whatsoever. Paired sheets cannot be pinched together at crosscut edge. - No sheet edge damage (dents, dings, tears, etc...) of any kind. - No sheet contamination (grease, oil, accumulation of pulp dust, etc...) of any kind.	

Paper Grade	
CUT	
SHEET LENGTH	Target ± 0.5mm
SHEET WIDTH	Target ± 0.5mm
ANGLE	± 0.5mm for sheet of 1000mm length
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POSITION

REEL ENTRANCE SIDE	top
OPERATING SIDE	A side
ELECTRICAL CABINETS (not A/C)	into a climatic room maximum distance 65ft (20meters)
BALE EVACUATION	B side
EVACUATION LEVEL	Same level as customer's shuttle conveyor

COLOUR

MACHINE AND WAKLWAYS	BLUE RAL 5015
DRIVE FENCES + HANDRAILS	YELLOW RAL 1021
TROAX FENCES	YELLOW RAL 1021 (POSTS) + BLACK (LEGS)
ELECTRIC CABINETS	GREY RAL 7035

AIR

MANEUVER	Pipe	1" GAS			
	Maximum	317 gallons/min (1200 liters/min)			
	Estimated	211 gallons/min (800 liters/min)			
	Pressure	Maximum	87 psi (6 bar)	Minimum	72 psi (5 bar)
	Quality	ISO / DIN 8573.1		STANDAR 4 4 3	
	Dust particles			40 µ	
	Dew point			3º C	
	Oil	Maximum	0.035274 oz/ m^3 (1 mg/m^3)		

PROCESS DATA FOR DIMENSIONS

POWER	Installed	500KVA (cabinets power)(1) 1730HP (1290KW) (Σ motors power)(2)	
	Rated	335HP (250KW) I_n=145A	
	Peak	400HP (300KW)	
CONSUMPTIONS	Main	Voltage	3 ~ 60Hz 480V
		Switch	ROCKWELL / ALLEN BRADLEY 140G-M6I3-D80 140G-M-TLA33 140G-M-FMX06 Breaker 800A
		Section	3x (Cu 3x AWG 4/0 + PE) 120mm²
	Lighting	Voltage	1 ~ 60Hz 120V 25A
		Section	Cu 2x AWG 12 +PE 4mm²
	Control	120V ~ and 24V =	

(1) Maximum available power distribution into cabinets.
(2) The power sum of all motors. Motors never work all together.

HYDRAULIC GROUP

POWER	2,2 Kw
PUMP	10 l/min
DIMENSION	Box designed to admit 100% of the tank capacity
QUANTITY	1 per unwind stand
ALARM	Over current, motor breaker (electrically)
	Level (electrically)
	Returning filter (electrically)

LUBRICATION

POWER	0,37 Kw
PUMP	10 l/min
CHECK	Small window to inspect oil circulation towards tank
ALARM	Over current, motor breaker (electrically)
	Level (visually)
	2 flow detector (electrically)