

QUADRADYN

FOR WET & DRY STRANDS - PATENTED



The machine is designed to select incoming bulk material by its size (grading). The rollers, made with specially designed profiles, rotate synchronously and generate the vibrations necessary for the transport and separation of the material.

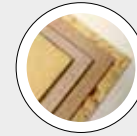
TECHNICAL FEATURES

- Fluidizing rolls for better crosswise spreading of flakes at the screen infeed
- Roll screen with specialized roll profiles for requested cuts
- Separation till 4 fractions
- Suitable for green and dry strand screening
- AF - Fire extinguishing system
- AE - Explosion vents
- Two side bearings and transmissions
- Highly flexible machine with quick and easy adjustments to match changes in the raw material: adjustable diverting gates - adjustable shaft speed - adjustable working angle - adjustable gap setting - pre-settable disk spacing
- No strand breakage or generation of fines in the screening process.

BENEFITS

- No strand breakage or generation of fines in the screening process
- Very efficient screening out of fines resulting in: increase in dryer capacity (green screening) - more uniform moisture content to the dryer (green screening) - reduction in dryer emissions (green screening) - reduction in drying costs (green screening) - lower fire risk in dryer (green screening) - reduced blender cleaning requirements - lower resin usage and higher board properties
- Very efficient classification of strand size
- Dedicated dryers for core and surface material (green screening)
- Smaller footprint than drum screen for easy replacement in existing plants
- Low maintenance, no plugging.

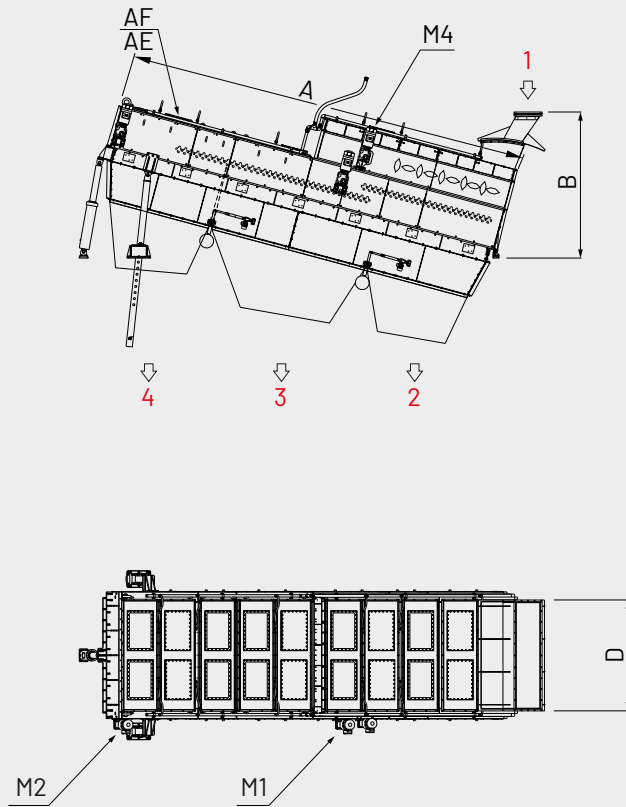
BEST IN CLASS FOR:



WOOD BASED PANELS:
OSB/LSB/FOSB

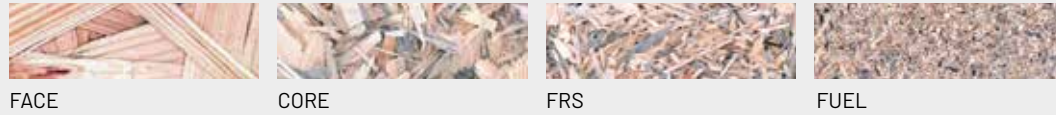


WOOD RECYCLING AND
WASTE TREATMENT:
CUSTOMIZED SOLUTIONS
FOR RECYCLING



1 = INFEED
2 - 4 = FRACTIONS

M1 - M2 = MAIN MOTOR
M3 = HYDRAULIC POWER UNIT
M4 = FLUIDIZER DRIVE



FACE

CORE

FRS

FUEL

MODEL	OVERALL DIMENSIONS mm				CAPACITY m³/h	INSTALLED POWER kW				WEIGHT kg
	A	B	C	D		M1	M2	M3	M4*	
Q-DYN.1-5000-2200	5000	2530	3520	2200	To size according to type of material and number of fractions to classify	According to number of shafts	According to number of shafts	5,5	-	According to number of shafts
Q-DYN.1-6000-2200	6000	2530	3520	2200				5,5	-	
Q-DYN.1-7000-2200	7000	2530	3520	2200				5,5	-	
Q-DYN.1-8000-2200	8000	2530	3520	2200				5,5	-	
Q-DYN.1-9000-2200	9000	2530	3520	2200				5,5	-	
Q-DYN.1-7000-2700	7000	4780	4020	2700				5,5	7,5	
Q-DYN.1-8000-2700	8000	4780	4020	2700				5,5	7,5	
Q-DYN.1-9000-2700	9000	4780	4020	2700				5,5	7,5	
Q-DYN.1-10000-2700	10000	4780	4020	2700				5,5	7,5	
Q-DYN.1-11000-2700	11000	4780	4020	2700				5,5	7,5	
Q-DYN.1-12000-2700	12000	4780	4020	2700				5,5	7,5	

*Option