



• OSB • WASTE



## ROLL SCREENS

**QUADRADYN**

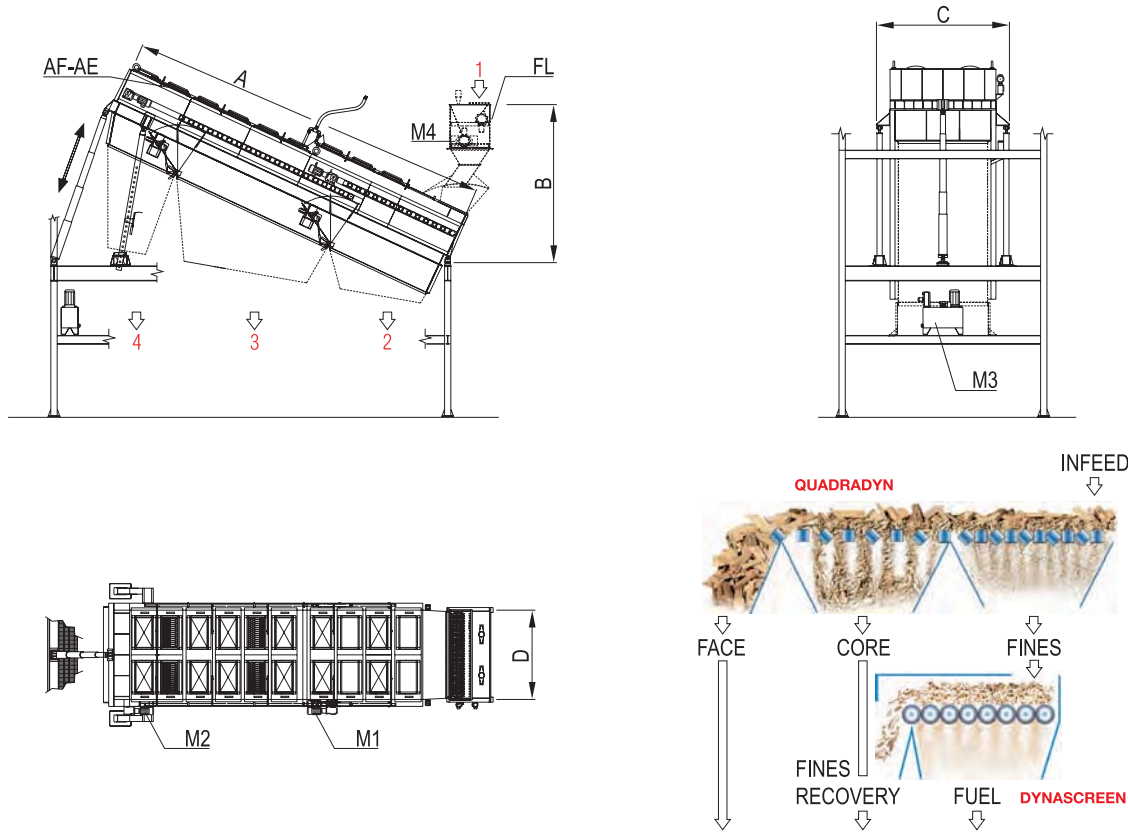
FOR WET & DRY STRANDS - PATENTED

### 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.



1= INFEED  
 2...4= FRACTIONS  
 FL= FLUIDIZER (OPTION)

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

FOR DRY MATERIAL ONLY:  
 AF= FIRE-EXTINGUISHING SYSTEM  
 AE= EXPLOSION VENTS



FACE



CORE



FRS



FUEL

| MODEL                     | OVERALL DIMENSIONS mm |      |      |      | CAPACITY<br>m <sup>3</sup> /h   | INSTALLED POWER kW            |                               |     |         | WEIGHT<br>kg                  |
|---------------------------|-----------------------|------|------|------|---|-------------------------------|-------------------------------|-----|---------|-------------------------------|
|                           | A                     | B    | C    | D    |   | M1                            | M2                            | M3  | M4*     |                               |
| <b>Q-DYN.1-5000-2200</b>  | 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 |
| <b>Q-DYN.1-6000-2200</b>  | 6000                  | 2530 | 3520 | 2200 |   |                               |                               | 5,5 | -       |                               |
| <b>Q-DYN.1-7000-2200</b>  | 7000                  | 2530 | 3520 | 2200 |   |                               |                               | 5,5 | -       |                               |
| <b>Q-DYN.1-8000-2200</b>  | 8000                  | 2530 | 3520 | 2200 |   |                               |                               | 5,5 | -       |                               |
| <b>Q-DYN.1-9000-2200</b>  | 9000                  | 2530 | 3520 | 2200 |   |                               |                               | 5,5 | -       |                               |
| <b>Q-DYN.1-7000-2700</b>  | 7000                  | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |
| <b>Q-DYN.1-8000-2700</b>  | 8000                  | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |
| <b>Q-DYN.1-9000-2700</b>  | 9000                  | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |
| <b>Q-DYN.1-10000-2700</b> | 10000                 | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |
| <b>Q-DYN.1-11000-2700</b> | 11000                 | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |
| <b>Q-DYN.1-12000-2700</b> | 12000                 | 4780 | 4020 | 2700 |   |                               |                               | 5,5 | 2 x 5,5 |                               |

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