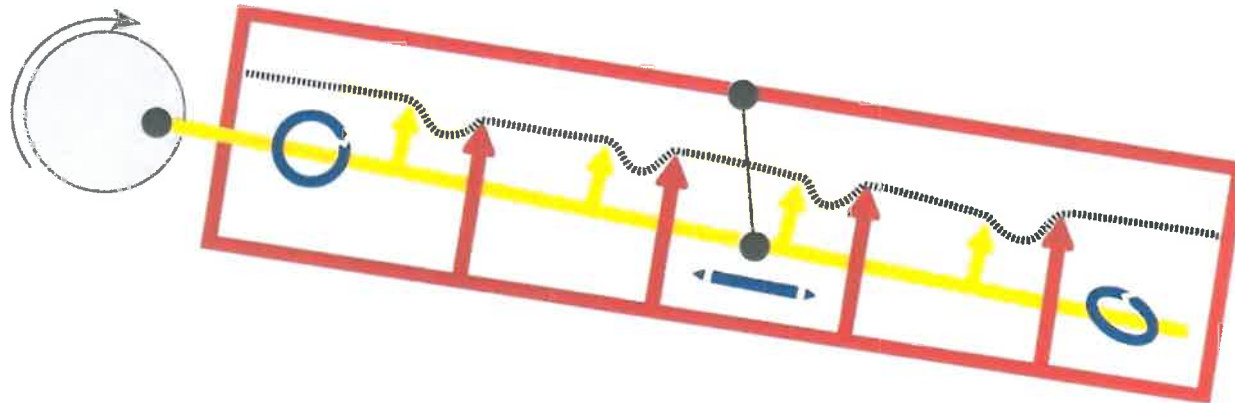


IFE Trisomat



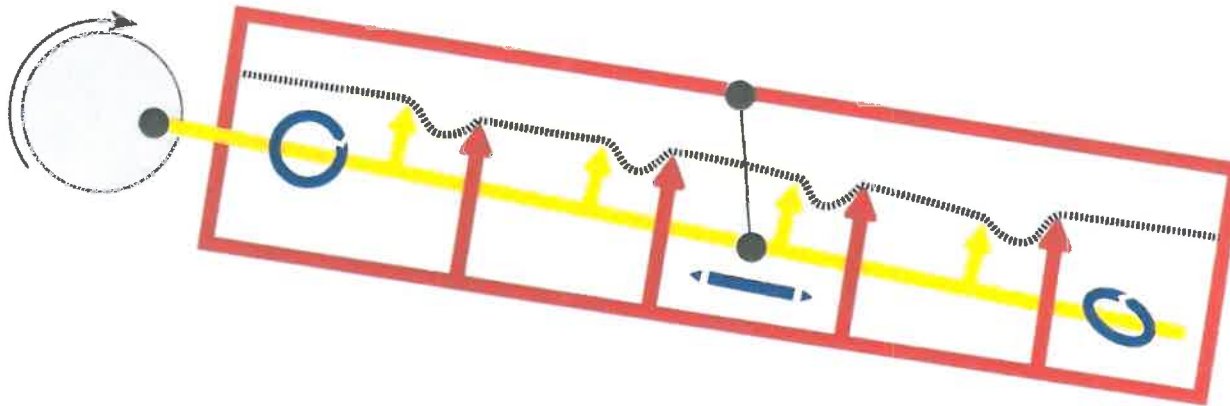
Operating principle:

Two frames moving relative to each other, flexible mounted within a static support structure. Transverse mesh support beams are alternatively attached to the inner and outer frames.

The beams cause the mesh sections to cyclically stretch and relax.

High accelerations result which obviate pegging and blinding.

IFE Trisomat



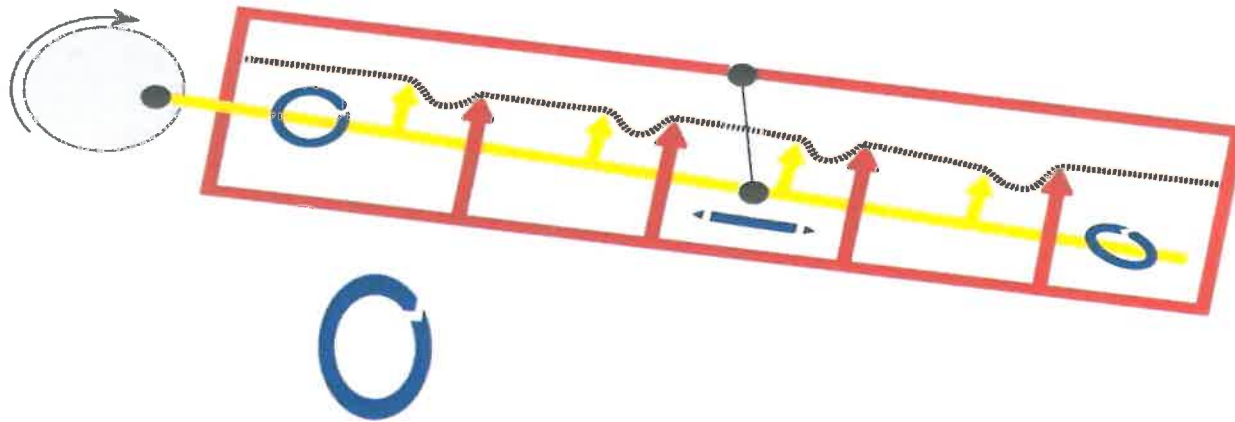
The Trisomat's unique `3-phase motion` ensures:

Quick stratification of material at the feed end

Efficient screening in the central section

Increased „near-size“ screening efficiency at the discharge end

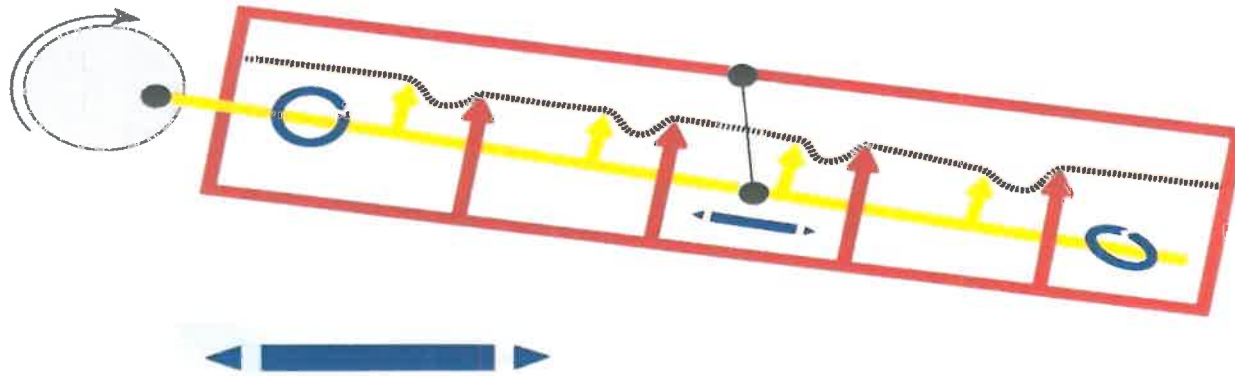
IFE Trisomat



Feed end

The circular motion at the feed end assists a stratification of even the most difficult materials and conveying the feed material forward.

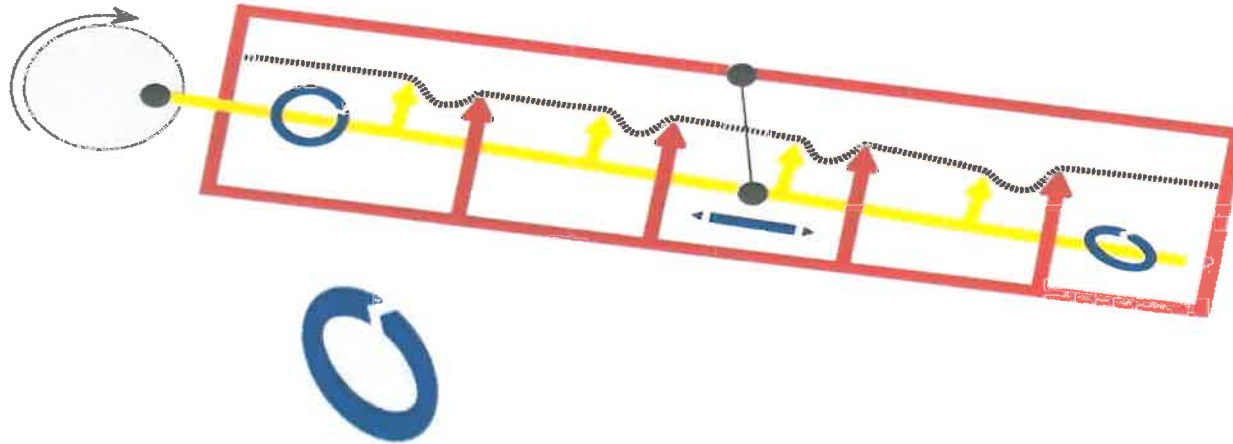
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Central section

A linear motion in the central section of the deck area ensures optimum contact between material and mesh thus improving screening efficiency.

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Discharge end

The reverse elliptical movement at the discharge end retards the material and maintains a bed depth ensuring efficient „near-size“ particle extraction.