

Diamond Rolls™

Rolls for all forming and screening applications

Latest features of the Diamond Rolls combine excellent durability with the best process performance. Years of development and experience have resulted in five different types of Diamond Rolls that cover the needs from the most accurate forming applications to screening of abrasive raw materials like urban waste wood.

Diamond rolls are available in five types:

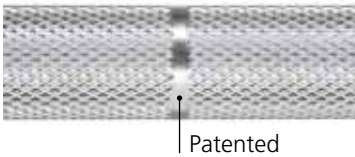
- *Standard*
for forming applications
- *StandardPlus*
for screening fresh wood and saw dust
- *Dura*
for screening contaminated wood
- *DuraPlus*
for screening most contaminated urban waste wood
- *Unifeed*
for forming fibrous and recycled wood flakes



Years of development and field testing have resulted in a family of Diamond Rolls, where each roll has its specific optimum field of application. Abrasive raw materials like urban waste wood require more from the durability of the roll surfaces. Common for all rolls is the excellent accuracy and performance in the forming and screening applications, like *ClassiFormers*, *ClassiScreens* and *ClassiCleaners*. The Diamond Rolls are available for other roller screen and forming machine types as well.

All Diamond Rolls and *Unifeed* Rolls are as a standard available on diameters 63, 80 and 85 mm. Other diameters are available at request. Rolls are made to any required lengths, bearing and drive arrangements.

The rolls for screening applications are constructed with patented bumper-rings to prevent diamond tips touching each other.



Standard

Diamond Roll *Standard* is the roll for most forming applications.

StandardPlus

Diamond Roll *StandardPlus* is the roll for screens, when mostly fresh wood or saw mill waste is screened. *StandardPlus* can also be used in forming applications, when the plant uses contaminated raw materials like urban waste wood.

Dura

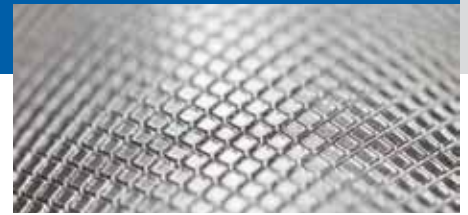
Diamond Roll *Dura* is the roll for screening saw mill waste and other chips, which have relatively high sand content.

DuraPlus

Diamond Roll *DuraPlus* is the roll developed for screening very dirty urban waste wood. It is specially powerful and durable roll for screening fines.

Unifeed

Unifeed Roll is specially developed for forming fibrous and sticky raw materials. *Unifeed* Rolls and fine Diamond Rolls are set to roller bed in pairs.



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