

Drum-type Roller Peeling Machines

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(Art. – No. 0161, 0162, 0163)

Advantages and Disadvantages, Fields of Application

Drum-type roller peeling machines are those models of peeling machines provided with two to three meters long carborundum coated peeling rollers which rapidly rotate around worm conveyors (augers). The peeling rollers are mounted in a "ring" which, in its turn, rotates around the mentioned worm conveyor.

We offer drum-type roller peeling machines in different sizes and capacities. The diameters of the worm conveyors (augers) are approximately **450** and **600** mm for smaller machine sizes (number of peeling rollers up to 20), and approximately **800** mm for bigger machines (number of peeling rollers up to 24).

The machines are especially suitable for peeling **small potatoes, Paris carrots and carrots of smaller size, some sorts of fruit** etc. In some cases, **diced** potatoes are peeled into a **round** shape.

Note:

1. The peeling drums with the interior worm conveyors (augers) form a self-contained construction unit. Thus, the cleaning of the interior parts of the machine is not impossible, but problematic.
2. The machine has many moving parts like bearings and V-belts.
3. The peeling rollers of these machines have no profiles (sections); thus, a thorough and more aggressive peeling of bad tubers and roots or of e.g. celery or kohlrabi roots, which might become necessary, will hardly be possible or take a very long time!
4. When peeling, one has to add some water. The water can possibly be added to the skin mash. This does not necessarily mean that waste water is produced. – In case of problematic peeling waste one must work with full water addition.

The machines are put onto an under-frame. According to the products to be peeled, the waste peeling (mash) is led via a chute or through a worm conveyor (auger) into a pump (or into a container).

Pictures: www.dornow.de: Section A, subsection 1.24 - "Drum-type Roller Peeling Machines".

Please also refer to the web for information about DORNOW – Roller-Peeling Machines (A.-1.1 and A.-1.32) and about our Multi-Disc Peeling Machines (A.-1.2).

A list of interesting articles and essays regarding the topics of the preparation and processing of tubers and vegetables and associated specialist areas can be found at our Internet site at www.dornow.de, Treatises.

**Review of your current peeling results or
before the purchase of a peeling machine or system:**

**Realistic test peelings with the most diverse peeling systems,
with the most diverse tubers and root vegetables, some fruit, with your raw
produce are possible in our Peeling Test Center!**

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