



*All REICH-band saws:*



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***Meat and bone cutting bandsaw***  
***The professional class for handicraft***



# REICH – the Heavy Duty Bandsaw

## The larger the gauge of the material used when manufacturing, the greater the life expectancy of it.

At REICH we design our bandsaws for a life time of 25 to 30 years and to achieve this goal the body of the machine is made out of thick 3 mm sheets of pure stainless steel.

The most important part of a bandsaw is the table, therefore Reich make this out of a thicker 4 mm stainless steel and a 5 mm stainless steel for our larger machines (e.g. Profi 400, Industry 500, Mammut 800.)

Since nowadays the machines are generally cleaned by high pressure cleaners, Reich decided to weld the housing completely. This method of manufacturing benefits the user in many ways.

There are no seals or gaskets used and therefore they cannot be destroyed upon cleaning. The housing, once made will not lose its shape or become loose and flimsy.

The main advantage of the all welded housing is that the table plate is completely and seamlessly welded to the machines body. This ensures that the combination of the housing and the table is durable and hygienic. Additional bars fitted underneath the table increase the rigidity making it perfectly suited for the heaviest parts of meat and carcasses.

Precisely manufactured wheels and the strong suspension of the motor, drive wheel and upper pulley, lead to the running of the machine being extremely quiet.

The crown on the wheel ensures that the blade rides in the high position and a small canal has been cut out to protect the set of teeth from wearing. For safety reasons all the pulleys have a rim on either side to ensure that the blade does not jump from the wheels under any circumstances.

For cutting bones and small pieces like cubes, a special safety tool is added to the machine called a 'material pusher'. This can be safely and quickly hinged to the under side of the machines head and is especially useful when sawing bones as the tooth shape prevents the bone from twisting.

EC regulations state that if the lateral height of cutting exceeds 245 mm then a material pusher must be made available. Therefore all Reich bandsaws from model Universal 300 up to Mammut 800 are equipped with this unit.

The blade guides used in all Reich bandsaws are made from special brass alloy which is durable and rust free. For easy maintenance the upper and lower blade guides are the same and they can be removed without the use of any tools.

The upper guidance is adjustable to whatever height is required, which allows precise cutting of large as well as small portions. The thickness of portion is equal over the complete cut. To make the portion work easier and more accurately a rigid portion gauge comes with the machine and can be set to any size of portion between 0 and 250 mm. A metric graduation on the surface of the table allows you to set the portion gauge to the desired position.

To achieve a clean and appetizing surface of the portions the wheel and blade scrapers are installed, they are of similar design to the blade guides and are easily changed by pulling them from the rod.

Well approved seals are used to ensure that the gap between the housing, the motor shaft and the drive pulley are waterproof and even with use of a high pressure cleaner no harm is done to the parts inside the machines housing.

Opposite to many other bandsaw designs the ball bearings for the upper pulley are installed in the wheel hub, guaranteeing that the distribution of force onto the ball bearings is uniform, leading to an extremely long lifetime. The size of the bearings installed is big enough to ensure outstanding durability as well.

An electrical wear free brake system is fitted to all Reich bandsaws, this is basically a rectifier and a transformer which applies a direct current to the motor and stops the blade within four seconds.

By use of standard electrical components from well known manufacturers a world wide availability of these parts is guaranteed. The electrical control system is installed in a separate waterproof housing. This housing is slightly heated to avoid condensation forming, oxidation of the contactors contacts and to ensure a trouble free operation.

Rubber caps fitted on the 'ON' and 'OFF' push buttons guarantees that the highest class of water proof ness is achieved. Opposite to the high build quality of all Reich bandsaws are the prices which are very competitive.

Reich also makes designs to order.

Please ask one of our representatives or feel free to contact us for further information.



### Combi 200



### Combi 250



Voltage: 230/400 V / 50 Hz.  
 Power: 1,1 kW  
 Revolutions: 1500 / min.  
 Cutting speed: ca. 17,5 m / second  
 Dimension Table: 500 x 560 mm  
 Table height: 900 mm  
 Cutting width: 200 mm  
 Cutting height: 245 mm  
 Saw blade: 1981 mm  
 Housing: Stainless steel  
 Waste bin volume: 6 Liter  
 Outer dimensions: 500 x 560 x 1470 mm  
 Net weight: 90 kg  
 Gross weight: 105 kg on pallett

### Universal 300



Voltage: 230/400 V / 50 Hz.  
 Power: 1,5 kW  
 Revolutions: 1500 / min.  
 Cutting speed: ca. 22 m / second  
 Dimension Table: 770 x 710 mm  
 Table height: 900 mm  
 Cutting width: 280 mm  
 Cutting height: 345 mm  
 Saw blade: 2490 mm  
 Housing: Stainless steel  
 Waste bin volume: 9 Liter  
 Outer dimensions: 710 x 770 x 1690 mm  
 Net weight: 160 kg  
 Gross weight: 180 kg on pallett



Voltage: 220/380 V / 50 Hz.  
 Power: 1,1 kW  
 Revolutions: 1500 / min.  
 Cutting speed: ca. 17,5 m / second  
 Dimension Table: 530 x 580 mm  
 Table height: 370 mm  
 Cutting width: 200 mm  
 Cutting height: 220 mm  
 Saw blade: 1750 mm  
 Housing: Stainless steel  
 Waste bin volume: 2 Liter  
 Outer dimensions: 530 x 580 x 916 mm  
 Net weight: 80 kg  
 Gross weight: 90 kg on pallett