

RF – RIFFLE DIVIDER

DIVIDING GRANULATED & POWDERED MATERIAL



- Easy cleaning and no maintenance required (no moving parts).
- Most accurate method of manual dividing.
- Each dividing process will halve the feed sample quantity.

PRINCIPLES OF OPERATION

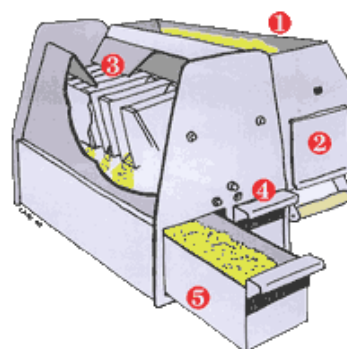
The Riffle Divider (RF) is designed for manual representative dividing of dry, granulated and powdered sample material.

GENERAL DESCRIPTION

After a representative sample extraction has been effected, further reduction is the major prerequisite for exact analysis results in accordance with the characteristics of the bulk quantity. Due to its special sampling method, the Riffle Dividers provide an accuracy which is superior to all other manual procedures.

The sample material cascades into the two collecting receptacles through a number of slots, which are arranged opposite to each other. With each dividing process, the feed quantity is halved until the required sample quantity has been reached.

DRAWING



The Riffle Divider is manufactured from stainless steel and essentially consists of the following units:

- 1) Hinged container for feed tray
- 2) Feed tray
- 3) Sample divider
- 4) Receiving tray
- 5) Receiving tray

Part nr.	Max sample size (liter)	Hinged container type	Number of cells	Dimension of cells	B1 (mm)	B2 (mm)	Depth (mm)	H1 (mm)	H2 (mm)	Weight (kg)
3-1	3	1	10	19,2	280	360	230	510	370	8,0
3-2	3	1	18	10,3	280	360	230	510	370	8,5
5-1	5	1	18	19,1	280	420	395	685	370	13,0
5-2	5	2	18	19,1	280	420	395	685	370	13,0
5-3	5	1	34	9,8	280	420	395	685	370	13,5
5-4	5	2	34	9,8	280	420	395	685	370	13,5
10-1	10	1	10	29,0	350	530	325	875	515	15,0
10-2	10	3	10	29,0	350	530	325	875	515	15,0
10-3	10	1	18	15,2	350	530	325	875	515	15,5
10-4	10	3	18	15,2	350	530	325	875	515	15,5
18-1	18	3	18	28,2	350	530	560	875	515	23,6
18-2	18	3	34	14,5	350	530	560	875	515	24,0

B1 = Width, pivotally container up, B2 = Width, pivotally container down, H1 = Height, pivotally container up, H2 = Height, pivotally container down

COMPANY PROFILE

M&W JAWO HANDLING IS AN INTERNATIONALLY WORKING ENGINEERING COMPANY SPECIALISED IN DESIGN, MANUFACTURING AND SUPPLY OF INDIVIDUAL MACHINE UNITS AND SYSTEMS FOR REPRESENTATIVE SAMPLING OF POWDER AND BULK MATERIAL. SEVERAL HUNDRED SYSTEMS ARE SUCCESSFULLY SAMPLING IN THE INDUSTRY WORLD-WIDE.