



# SmartLine riveting machines

- *Attractive price thanks to lean design*
- *Proven BalTec radial technology*
- *High quality and reliability*

## Optimized for profitability

### Extremely cost effective

The machines have a common design for standard requirements, keeping investment costs reasonable.

### Outstanding results

The proven BalTec radial riveting technology, with proven gentle and efficient forming, guarantees perfect riveted joints combined with long tool life.

### High quality

High material and production quality, plus BalTec's global presence with locally-stocked parts and on-site service provide the ideal conditions for high availability of the riveting machines.

## Multipurpose design

- SNE riveting units for integrating in machines
- Complete SN workstations as stand-alone machines



**BalTec**  
Smartline



SNE 170

SNE 220

SNE 270

## Control unit

The control unit for the SmartLine riveting machines includes the following options:

### Operating modes

- Setup mode: Riveting operation active, as long as the input is actuated
- Single cycle: Riveting operation active during the programmed riveting time

### Riveting time

- Adjustable between 0.2 and 5.9 seconds

### Operating mode of the riveting machine motor

- Motor permanently on
- Motor only on during the riveting operation

## Riveting peens for every application

The comprehensive range of riveting peens available from BalTec ensures there is a suitable riveting tool for every application, including riveting peens with a huge selection of closing head shapes such as flat, conical, cambered, flanged, clinched or expanded.

## Technical specifications of the SmartLine riveting machines

Model	SN 170	SN 220	SN 270
Rivet shank* max. Ø	6 mm	8.5 mm	12 mm
Pneumatic pressure	2-6 bar	2-6 bar	2-6 bar
Riveting force **	6 kN	12 kN	17 kN
Tool stroke	5-30 mm	5-40 mm	5-40 mm
Riveting time	0.2-5.9 s	0.2-5.9 s	0.2-5.9 s
Weight	75 kg	90 kg	170 kg
Weight, riveting units	30 kg	45 kg	60 kg

\* Steel 370 N/mm<sup>2</sup> (St. 37), \*\* Maximum riveting force in kN

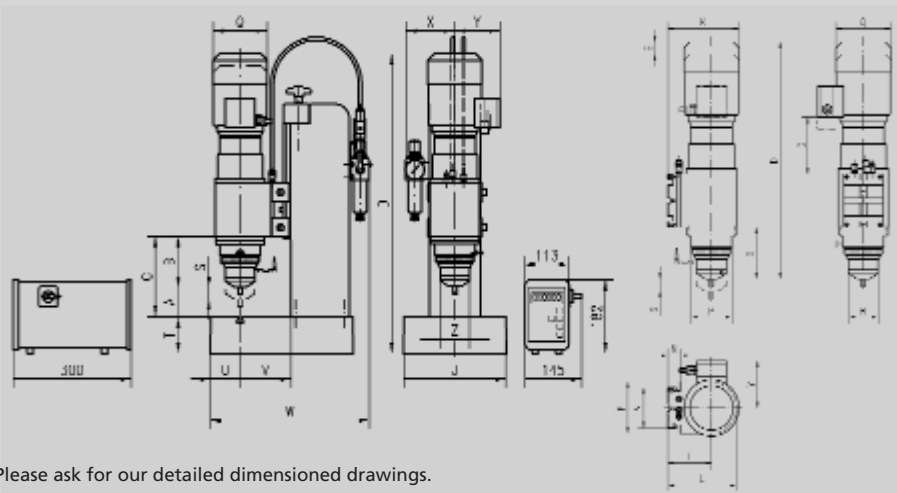
## Dimensions (mm)

Model	A	B	C	D	J	Q	S	T	U	V
SN 170	74-225	126-156	200-351	744-895	260	Ø 138	5-30	90	75	130
SN 220	39-195	146-186	185-341	749-905	260	Ø 138	5-70	90	75	130
SN 270	78-228	166.5	245-395	867-1017	320	Ø 162	5-40	100	120	185

Model	W	X	Y	Z
SN 170	405	125	115	Ø 75
SN 220	405	125	115	Ø 75
SN 270	525	147	86	Ø 125

Model	B	D	E	F	G	K	L	M	N	P
SNE 170	126-156	580	173	126	108-138	179	110	100	31	Ø 103
SNE 220	146-186	620	185	150	98-138	179	110	100	31	Ø 103
SNE 270	166.5	692	211	175	145-185	206	125	134	42	Ø 185

Model	Q	R	S	Y
SNE 170	Ø 138	Ø 75	5-30	115
SNE 220	Ø 138	Ø 75	5-40	115
SNE 270	Ø 162	Ø 125	5-40	172



Please ask for our detailed dimensioned drawings.

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