

# Order numbers Pipe Cutting Devices

Description	For pipes	Inch	Gas	Drive	Item-no.
RSV-0	Ø 70 - 120 mm	2.8 - 4.7	Acetylene	manually	231 5010-0001
RSV-0	Ø 70 - 120 mm	2.8 - 4.7	Propane	manually	231 5010-0002
Steel box RSV-0					293 9990-010
RSV-1	Ø 120 - 270 mm	4.7 - 10.6	Acetylene	manually	231 5050-0001
RSV-1	Ø 120 - 270 mm	4.7 - 10.6	Propane	manually	231 5050-0002
RSV-1	Ø 120 - 270 mm	4.7 - 10.6	Acetylene	motorized	231 5260-0001
RSV-1	Ø 120 - 270 mm	4.7 - 10.6	Propane	motorized	231 5260-0002
Steel box RSV-1,2					293 9990-012
RSV-2	Ø 270 - 420 mm	10.6 - 16.5	Acetylene	manually	231 5110-0001
RSV-2	Ø 270 - 420 mm	10.6 - 16.5	Propane	manually	231 5110-0002
RSV-2	Ø 270 - 420 mm	10.6 - 16.5	Acetylene	motorized	231 5270-0001
RSV-2	Ø 270 - 420 mm	10.6 - 16.5	Propane	motorized	231 5270-0002
Steel box RSV-1,2					293 9990-012
RSV-3	Ø 420 - 620 mm	16.5 - 24.4	Acetylene	manually	231 5160-0001
RSV-3	Ø 420 - 620 mm	16.5 - 24.4	Propane	manually	231 5160-0002
RSV-3	Ø 420 - 620 mm	16.5 - 24.4	Acetylene	motorized	231 5280-0001
RSV-3	Ø 420 - 620 mm	16.5 - 24.4	Propane	motorized	231 5280-0002
Steel box RSV-3					293 9990-013
RSV-4 *1	Ø 400 - 1.600 mm	15.8 - 63.0	Acetylene	manually	231 5210-0001
RSV-4 *1	Ø 400 - 1.600 mm	15.8 - 63.0	Propane	manually	231 5210-0002
RSV-4 *1	Ø 400 - 1.600 mm	15.8 - 63.0	Acetylene	motorized	231 5290-0001
RSV-4 *1	Ø 400 - 1.600 mm	15.8 - 63.0	Propane	motorized	231 5290-0002
Steel box RSV-4				manually	293 9990-014
RSV-4/14 *2	Ø > 1.400 mm	> 55.1	Acetylene	manually	231 5210-0011
RSV-4/14 *2	Ø > 1.400 mm	> 55.1	Propane	manually	231 5210-0012
RSV-4/14 *2	Ø > 1.400 mm	> 55.1	Acetylene	motorized	231 5300-0001
RSV-4/14 *2	Ø > 1.400 mm	> 55.1	Propane	motorized	231 5300-0002
Steel band	für Ø 400 - 600 mm	15.8 - 23.6			234 9990-002
Steel band	für Ø 600 - 1.000 mm	23.6 - 39.4			234 5210-001
Steel band	für Ø 800 - 1.200 mm	31.5 - 47.2			234 9990-003
Steel band	für Ø 1.200 - 1.500 mm	47.2 - 59.0			234 9990-004
Steel band	für Ø 1.400 - 1.600 mm	55.1 - 63.0			234 9990-005
Steel band	für Ø 1.500 - 1.800 mm	59.1 - 70.9			234 9990-020
Steel band	für Ø 1.500 - 2.000 mm	59.1 - 78.7			234 9990-006
Steel band	für Ø 2.000 - 2.500 mm	78.7 - 98.4			234 9990-050
Steel band	für Ø 2.500 - 3.500 mm	98.4 - 137.8			234 9990-065
Steel band	für Ø 3.500 - 4.500 mm	137.8 - 177.2			234 9990-051
Steel band	für Ø 4.500 - 6.000 mm	177.2 - 236.2			234 9990-052
Double cutting torch	for all RSV		Acetylene		231 4260-001
Double cutting torch	for all RSV		Propane		231 4280-001

\*1 with steel band for Ø 600 - 1.000 mm (Inch 23.6 - 38.4)

\*2 without steel band



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Further information and detailed consultancy on the best cutting system for you can be obtained from your ZINSER team.

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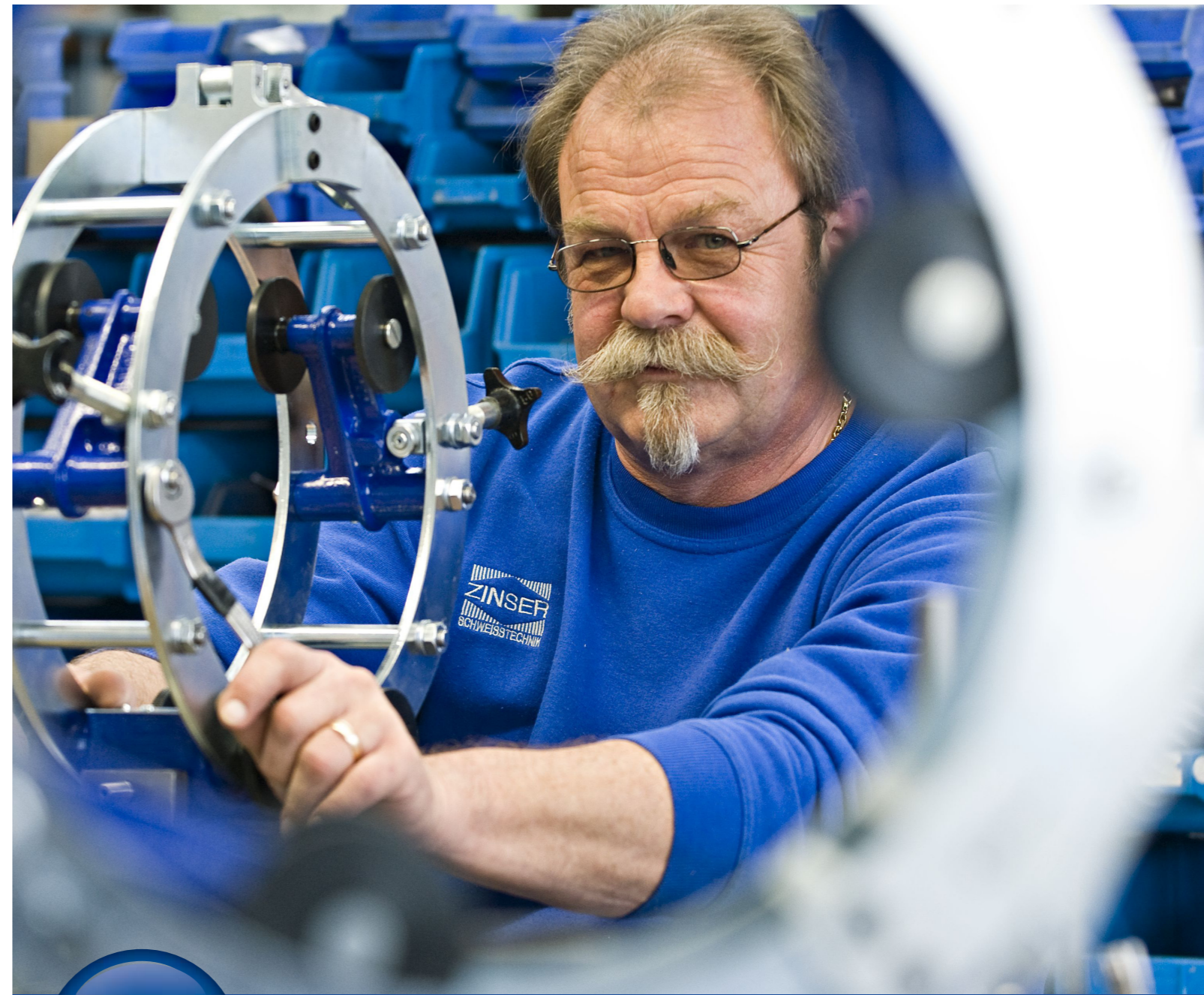


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## ZINSER Pipe Cutting Devices RSV Portable Flame Cutting Technology

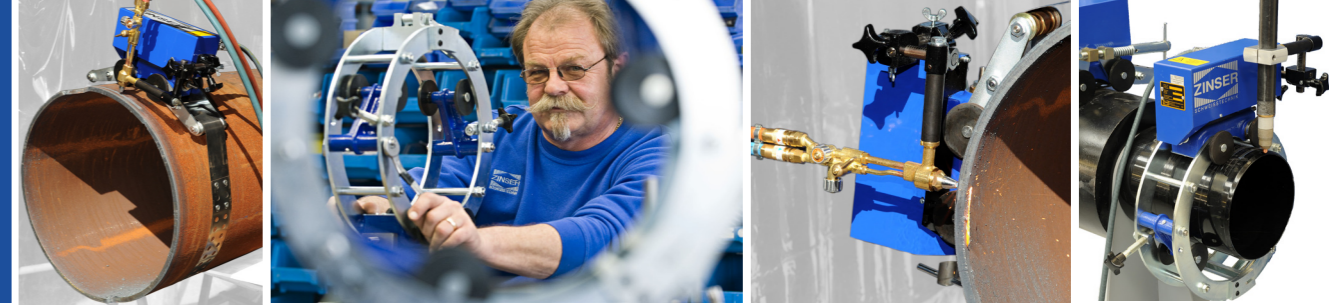


Subject to changes and possible errors 3.16 504131000-00001 RSV

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## Pipe Cutting Devices RSV

Portable Flame Cutting Technology



### Special advantages:

- Low weight
- Simple use
- Robust design
- Particularly suitable for operation on site

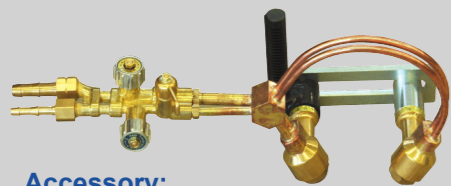
### The pipe cutting devices:

- Are equipped with the well-proven ZINSER block nozzles for very smooth cuts
- Can be used with acetylene or propane
- Can be equipped with a manual or a motorized drive



### Accessory:

Stable steel-plate box for safe storage of the RSV during transport



### Accessory:

Double cutting torch for the preparation of X- and V-shaped welding seams

### Portable ZINSER Flame Cutting Technology

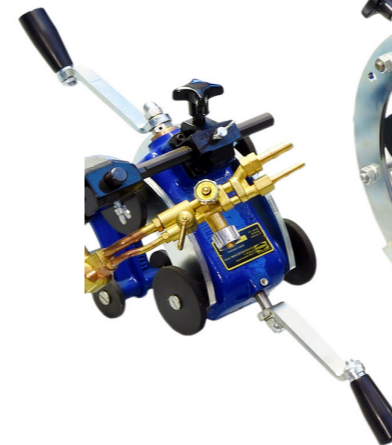
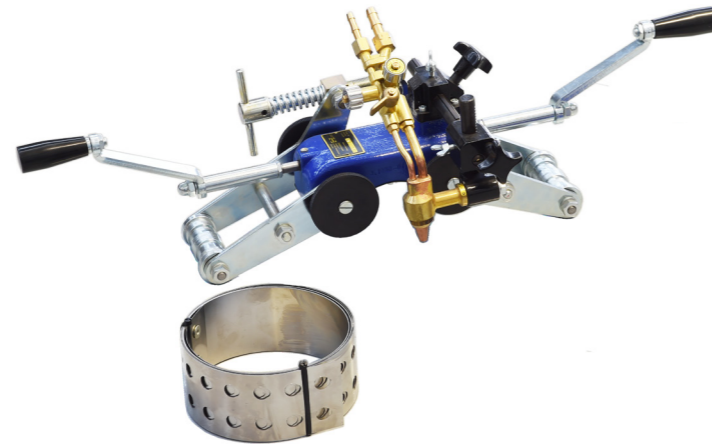
All pipe cutting devices are designed in a way that they can be fitted onto an endless pipe. By means of a quick-acting lock the RSV can be clamped onto the pipe at any given position. The cutter carriage is driven by two hand cranks and four drive wheels. The hand cranks are fitted in a way that the operator does not have to change his

position during the cutting process. The cutting torch can be swivelled by  $\pm 45^\circ$  and is also equipped with height and lateral adjustments (2 coordinates-support).

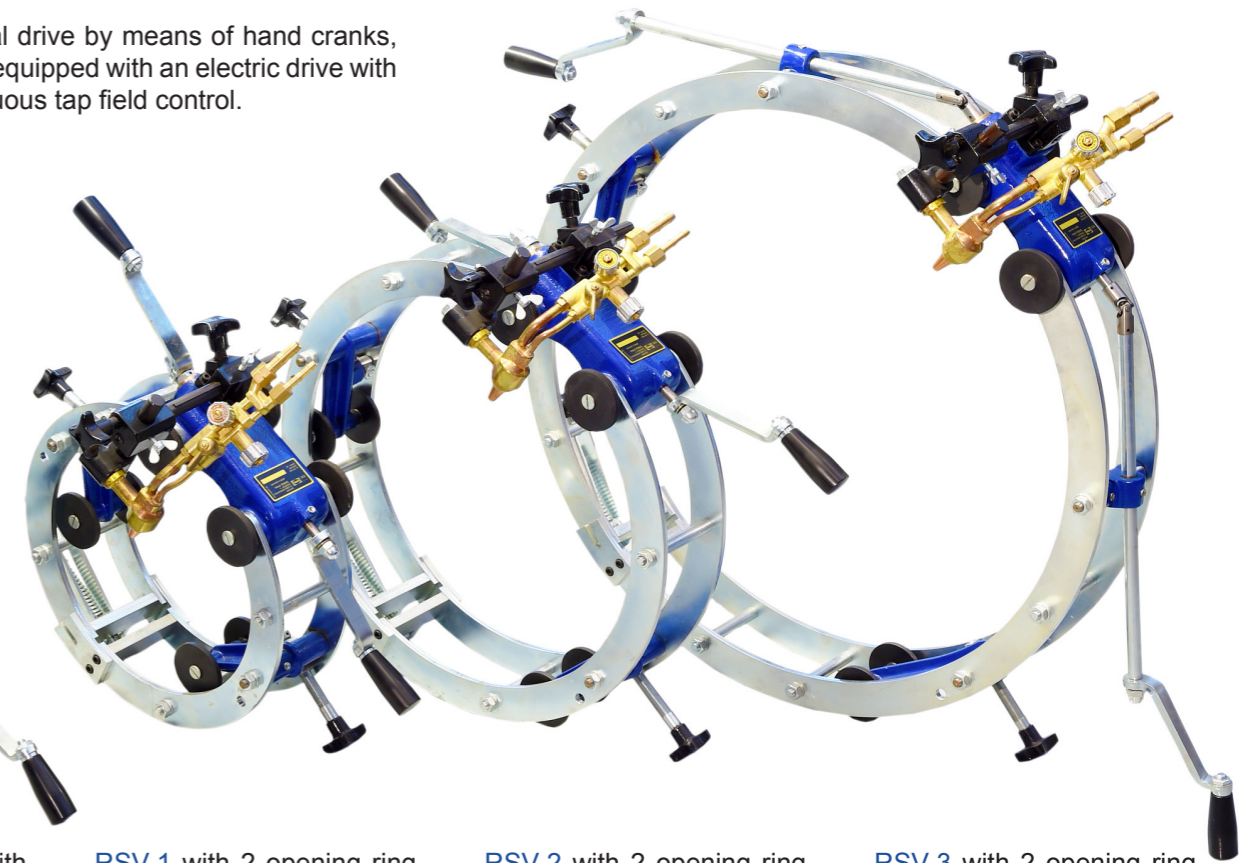
Instead of the manual drive by means of hand cranks, the RSV can also be equipped with an electric drive with spur gear and continuous tap field control.

RSV-4 with steel band guidance for pipe diameters 400 - 1600 mm

RSV-4/14 with steel band guidance for pipe diameters >1400 mm



RSV-0 fixed ring half with adjustable swivelling arm



RSV-1 with 2 opening ring halves

RSV-2 with 2 opening ring halves

RSV-3 with 2 opening ring halves



RSV-1 with electrical drive  
Speed range up to 1500 mm / min  
Moving direction forward and backwards  
Mains voltage 230 VAC / 50 Hz\*  
Power consumption ~ 65 W  
\*other tension upon request

Description	For pipes with outer diameter	Electric drive	Double cutting torch	Steel-plate box
RSV-0	70 - 120 mm	-----	Accessory	Accessory
RSV-1	120 - 270 mm	Option	Accessory	Accessory
RSV-2	270 - 420 mm	Option	Accessory	Accessory
RSV-3	420 - 620 mm	Option	Accessory	Accessory
RSV-4	400 - 1600 mm (1)	Option	Accessory	Accessory
RSV-4/14	> 1400 mm (2)	Option	Accessory	-----

(1) Steel band for  $\varnothing$  600 - 1000 mm included in the delivery scope  
(2) Without steel band

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