

# Grinding

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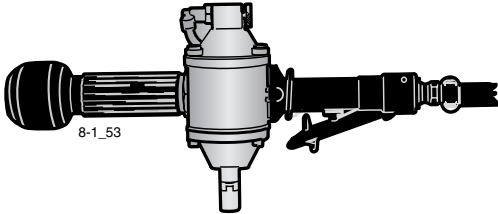
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# Grinding

## Sanbee and Sanflea

Part No.

### Sanbee



#### Technical data

Air pressure .....	6-8 bar
Air consumption .....	40-55 l/s
Spindle speed.....	19000 r.p.m.
Flushing air pressure .....	Max. 6 bar
Flushing water pressure.....	Max. 6 bar
Water consumption.....	5-6 l/min
Hose connections:	
Air, air hose.....	12.5 mm (1/2") ID
Water, water hose.....	6.3 mm (1/4") ID
Dimensions: HxWxD mm.....	150x450x130
Weight, without package and hose .....	2.9 kg
Weight, with package and hose.....	3.5 kg

Intended for grinding all kinds of button bits

**Complete grinder** **796-5100**

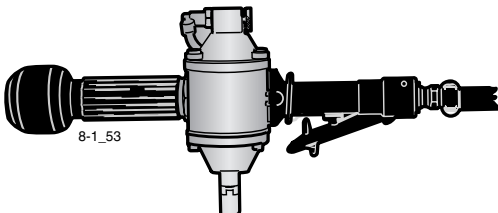
#### Accessories optional

In line oiler	797-5747-50
Tools for O-ring replacement	797-5452
Cooling/tank unit, complete	797-5488-85
Grinding gauge for button up to Ø 16 mm	795-1396
Grinding cups	See page 115-116

#### Recommended lubricants

Air tool oil, 1 litre **797-5870-90**

### Sanflea



#### Technical data

Air pressure .....	6-8 bar
Air consumption .....	16-17 l/s
Spindle speed.....	14000 r.p.m.
Flushing air pressure .....	Max. 6 bar
Flushing water pressure.....	Max. 6 bar
Water consumption.....	5-6 l/min
Hose connections:	
Air, air hose.....	12.5 mm (1/2") ID
Water, water hose.....	6.3 mm (1/4") ID
Dimensions: HxWxD mm.....	150x450x130
Weight, without package and hose .....	2.9 kg
Weight, with package and hose.....	3.5 kg

Intended for grinding all kinds of button bits  
(Max. button size 10 mm)

**Complete grinder** **796-5116**

#### Accessories optional

In line oiler	797-5747-50
Tools for O-ring replacement	797-5452
Cooling/tank unit, complete	797-5488-85
Grinding gauge for button up to Ø 16 mm	795-1396
Grinding cups	See page 115-116

#### Recommended lubricants

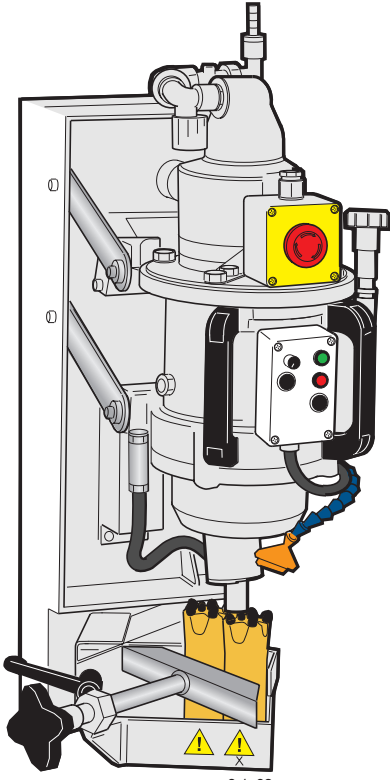
Air tool oil, 1 litre **797-5870-90**

# Grinding

## Sanroc Mini P

Part No.

### Sanroc Mini P



#### Technical data

Air pressure .....	Max. 13 bar/ Min. 6.5 bar
Air consumption .....	40-60 l/sec
Water pressure .....	Max. 8 bar/ Min. 4 bar
Water consumption.....	2-4 l/min *
Rated power (motor) .....	1.7 kW
Electricity supply .....	24V DC, 5A
Coolant/flushing medium .....	Water
Air connection, air hose .....	20 mm (3/4") ID
Water connection, water hose .....	9.5 mm (3/8") ID
Dimensions: HxWxD mm.....	730x350x300
Weight .....	43.5 kg

\* With cooling tank unit 0,2-0,3 l/min.

Intended for grinding all kinds of button bit. It is capable of handling threaded and tapered button bits up to Ø 127 mm and DTH button bits up to Ø 250 mm (max. shank Ø 130 mm).

**Pneumatic grinder without cooling unit** 796-6200

**Pneumatic grinder with cooling unit** 796-6201

#### Accessories optional

Bit holder insert for retrac-bits compl.	797-5502-50
Guard cover	<b>797-5510-06</b>
Arm-locking mechanism, complete	797-5510-30
Pneumatic bit-locking system, complete	797-5510-40
Bit holder for large drill bits, complete	<b>797-5510-20</b>
Cooling/Flushing tank unit, complete, 10 l	<b>797-5488-75</b>
Mounting bracket (for drill rig)	<b>797-5510-05</b>
Air pressure reducing valve (max.28/min.7 bar)	<b>797-5910-28</b>
Assembly tools for O-ring replacement	<b>797-5452</b>
Grinding gauge for button up to Ø 16 mm	<b>795-1396</b>
Grease gun	797-5870-20
Grinding cups	See page 115-116

#### Service-exchange unit

Factory-reconditioned grinding head **797-5130-10**

#### Recommended lubricants

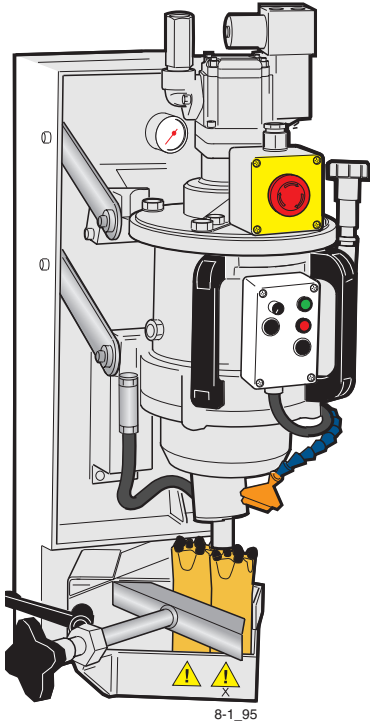
Grease, 0.4 kg cartridge	<b>797-5773-20</b>
Gear oil, 1 liter	<b>797-5870-10</b>
Air tool oil, 1 liter	<b>797-5870-90</b>

# Grinding

## Sanroc Mini H

Part No.

### Sanroc Mini H



Intended for grinding all kinds of button bit.  
It is capable of handling threaded and cone-type  
button bits up to  $\varnothing$  127 mm and DTH button  
bits up to  $\varnothing$  250 mm (max. shank  $\varnothing$  130 mm).

**Hydraulic grinder without cooling unit** 796-6230

**Hydraulic grinder with cooling unit** 796-6231

#### Accessories optional

Bit holder insert for retrac-bits compl.	797-5502-50
Guard cover	<b>797-5510-06</b>
Arm-locking mechanism, complete	797-5510-30
Pneumatic bit-clamping device, complete	797-5510-40
Bit holder for large drill bits, complete	<b>797-5510-20</b>
Cooling/Flushing tank unit, complete, 10 l	<b>797-5488-75</b>
Mounting bracket (for drill rig)	<b>797-5510-05</b>
Air pressure reducing valve (max.28/min.7 bar)	<b>797-5910-28</b>
Assembly tools for O-ring replacement	<b>797-5452</b>
Grinding gauge for button up to $\varnothing$ 16 mm	<b>795-1396</b>
Priority flow divider for fixed pumps	797-5414-01
Grease gun	797-5870-20
Grinding cups	See page 115-116

#### Service-exchange unit

Factory-reconditioned grinding head **797-5130-10**

#### Recommended lubricants

Grease, 0.4 kg cartridge	<b>797-5773-20</b>
Gear oil, 1 liter	<b>797-5870-10</b>
Air tool oil, 1 liter	<b>797-5870-90</b>

#### Technical data

Hydraulic pressure .....	Max. 200 bar/ Min. 140 bar
Hydraulic-oil flow consumption .....	12 l/min
Air pressure .....	Max. 13 bar/ Min. 4 bar
Air consumption .....	5-6 l/sec
Water pressure .....	Max. 8 bar/ Min. 4 bar
Water consumption .....	2-4 l/min *
Rated power (motor) .....	3.0 kW
Electricity supply .....	24V DC, 5A
Coolant/flushing medium .....	Water
Hydraulic connection, hydr. hose .....	R 3/8" female thread
Air connection, air hose .....	9.5 mm (3/8") ID
Water connection, water hose .....	9.5 mm (3/8") ID
Dimensions: HxWxD mm .....	730x350x300
Weight .....	40 kg

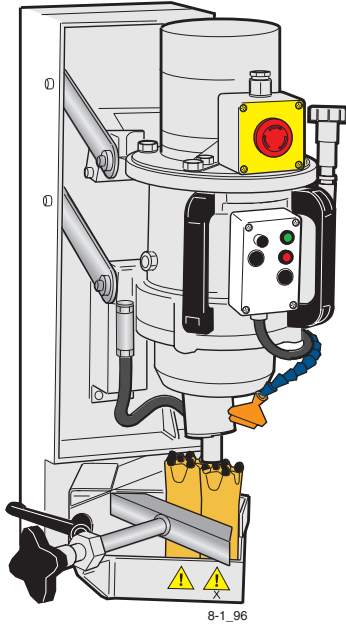
\* With cooling tank unit 0,2-0,7 l/min.

# Grinding

## Sanroc Mini E

Part No.

### Sanroc Mini E



Intended for grinding all kinds of button bit. It is capable of handling threaded and cone-type button bits up to  $\varnothing$  127 mm and DTH button bits up to  $\varnothing$  250 mm (max. shank  $\varnothing$  130 mm).

**Electric powered grinder without cooling unit** 796-6210-XX

**Electric powered grinder with cooling unit** 796-6211-XX

#### Electric powered grinder

220-240 V	1 phase	50 Hz	796-62XX-50
260 V	3 phases	50 Hz	796-62XX-51
380-420 V	3 phases	50 Hz	796-62XX-52
440 V	3 phases	50 Hz	796-62XX-55
550 V	3 phases	50 Hz	796-62XX-56
660 V	3 phases	50 Hz	796-62XX-57
500 V	3 phases	50 Hz	796-62XX-58
220-240 V	3 phases	50 Hz	796-62XX-59
220-290 V	3 phases	60 Hz	796-62XX-60
380-480 V	3 phases	60 Hz	796-62XX-61
550 V	3 phases	60 Hz	796-62XX-65
600 V	3 phases	60 Hz	796-62XX-66

#### Accessories optional

Bit holder insert for retrac-bits compl.	797-5502-50
Guard cover	797-5510-06
Arm-locking mechanism, complete	797-5510-30
Pneumatic bit-clamping device, complete	797-5510-40
Bit holder for large drill bits, complete	797-5510-20
Cooling/Flushing tank unit, complete, 10 l	797-5488-75
Mounting bracket (for drill rig)	797-5510-05
Air pressure reducing valve (max.28/min.7 bar)	797-5910-28
Assembly tools for O-ring replacement	797-5452
Grinding gauge for button up to $\varnothing$ 16 mm	795-1396
Grease gun	797-5870-20
Grinding cups	See page 115-116

#### Service-exchange unit

Factory-reconditioned grinding head 797-5130-10

#### Recommended lubricants

Grease, 0.4 kg cartridge	797-5773-20
Gear oil, 1 liter	797-5870-10

#### Technical data

Air pressure .....	Max. 13 bar/ Min. 4 bar
Air consumption .....	2-3 l/sec
Water pressure .....	Max. 8 bar/Min. 4 bar
Water consumption.....	2-4 l/min *
Rated power (motor) .....	1.5 kW
Coolant/flushing medium .....	Water
Air connection, air hose .....	9.5 mm (3/8") ID
Water connection, water hose .....	9.5 mm (3/8") ID
Dimensions: HxWxD mm.....	730x350x300
Weight .....	43 kg

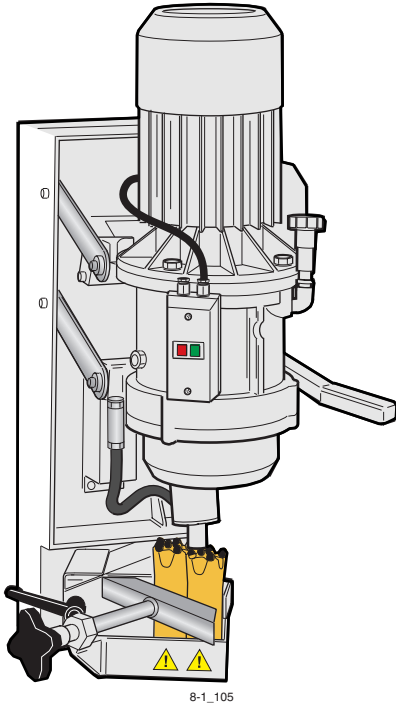
\* With cooling tank unit 0,2-0,3 l/min.

# Grinding

## Sanroc Mini P/H/E Manual

Part No.

### Sanroc Mini P/H/E Manual



Intended for grinding all kinds of button bit.  
It is capable of handling threaded and cone-type  
button bits up to Ø 127 mm and DTH button  
bits up to Ø 250 mm (max. shank Ø 130 mm).

**Air powered grinder without cooling unit** 796-6300

**Air powered grinder with cooling unit** 796-6301

**Hydraulic powered grinder without cooling unit** 796-6330

**Hydraulic powered grinder with cooling unit** 796-6331

**Electric powered grinder without cooling unit** 796-6310-XX

**Electric powered grinder with cooling unit** 796-6311-XX

#### Electric powered grinder

220-240 V	1 phase	50 Hz	796-63XX-50
260 V	3 phases	50 Hz	796-63XX-51
380-420 V	3 phases	50 Hz	796-63XX-52
440 V	3 phases	50 Hz	796-63XX-55
550 V	3 phases	50 Hz	796-63XX-56
660 V	3 phases	50 Hz	796-63XX-57
500 V	3 phases	50 Hz	796-63XX-58
220-240 V	3 phases	50 Hz	796-63XX-59
220-290 V	3 phases	60 Hz	796-63XX-60
380-480 V	3 phases	60 Hz	796-63XX-61
550 V	3 phases	60 Hz	796-63XX-65
600 V	3 phases	60Hz	796-63XX-66

#### Technical data

	Manual P	Manual H	Manual E
Air pressure .....	Max. 13 bar Min. 6.5 bar	Max. 13 bar Min. 4 bar	Max. 13 bar Min. 4 bar
Air consumption .....	40-60 l/sec	2-3 l/sec	2-3 l/sec
Hydraulic pressure .....		Max. 200 bar Min. 140 bar	
Oil consumption.....		12 l/min	
Water pressure .....	Max. 8 bar Min. 4 bar	Max. 8 bar Min. 4 bar	Max. 8 bar Min. 4 bar
Water consumption.....	2-4 l/min *	2-4 l/min *	2-4 l/min *
Rated power (motor) .....	1.7 kW	3 kW	1.5 kW
Air connection, hose .....	3/4"	3/8"	3/8"
Water connection, hose .....	3/8"	3/8"	3/8"
Dimensions: HxWxD mm.....	730x350x300	730x350x300	730x350x300
Weight .....	41 kg	38 kg	41 kg

\* With cooling tank unit 0,2-0,3 l/min.

#### Accessories optional

Guard cover	797-5510-06
Arm-locking mechanism, complete	797-5510-30
Pneumatic bit-clamping device, complete	797-5510-40
Bit holder for large drill bits, complete	797-5510-20
Cooling/Flushing tank unit, complete	797-5488-75
Mounting bracket (for drill rig)	797-5510-05
Air pressure reducing valve (max.28/min.7 bar)	797-5910-28
Assembly tools for O-ring replacement	797-5452
Grinding gauge for button up to Ø 16 mm	795-1396
Grease gun	797-5870-20
Grinding cups	See page 115-116

#### Service-exchange unit

Factory-reconditioned grinding head 797-5130-10

#### Recommended lubricants

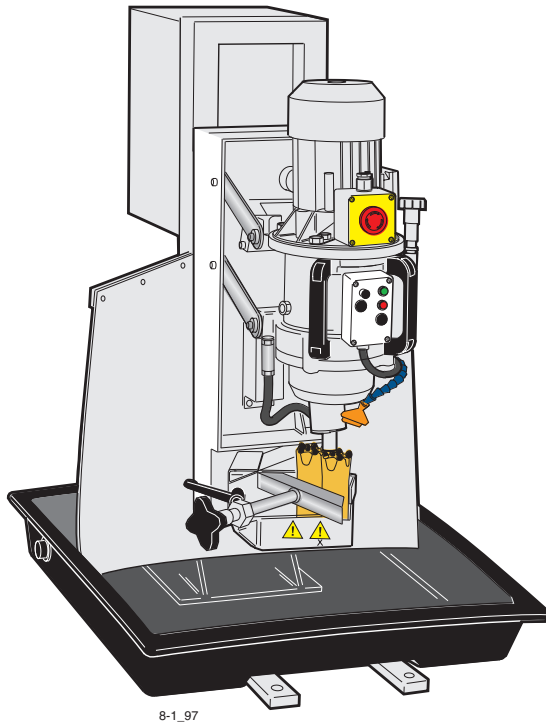
Grease, 1 kg cartridge	797-5773-20
Gear oil, 1 liter	797-5870-10
Air tool oil, 1 liter	797-5870-90

# Grinding

## Sanroc Multi

Part No.

### Sanroc Multi



Intended for grinding all kinds of button bit.  
It is capable of handling threaded and cone-type  
button bits up to  $\varnothing$  152 mm and DTH button  
bits up to  $\varnothing$  280 mm (max. shank  $\varnothing$  150 mm).

**Grinder without cooling unit** **796-6000-XX**

**Grinder with cooling unit** **796-6001-XX**

#### Electric powered grinder

220-240 V	1 phase	50 Hz	<b>796-6000-50</b>
260 V	3 phases	50 Hz	<b>796-6000-51</b>
380-420 V	3 phases	50 Hz	<b>796-6000-52</b>
440 V	3 phases	50 Hz	<b>796-6000-55</b>
550 V	3 phases	50 Hz	<b>796-6000-56</b>
660 V	3 phases	50 Hz	<b>796-6000-57</b>
500 V	3 phases	50 Hz	<b>796-6000-58</b>
220-240 V	3 phases	50 Hz	<b>796-6000-59</b>
<hr/>			
220-290 V	3 phases	60 Hz	<b>796-6000-60</b>
380-480 V	3 phases	60 Hz	<b>796-6000-61</b>
550 V	3 phases	60 Hz	<b>796-6000-65</b>
600 V	3 phases	60 Hz	<b>796-6000-66</b>

#### Accessories optional

Bit holder insert for retrac-bits	<b>797-5503-30</b>
Pneumatic bit-clamping device, complete	<b>797-5510-40</b>
Holder for reamer, 12°	<b>797-5330-12</b>
Cooling/Flushing tank unit, complete, 10 l	<b>797-5488-75</b>
Assembly tools for O-ring replacement	<b>797-5452</b>
Grinding gauge for button up to $\varnothing$ 16 mm	<b>795-1396</b>
Grease gun	<b>797-5870-20</b>
Grinding cups	See page 115-116

#### Service-exchange unit

Factory-reconditioned grinding head **797-5130-10**

#### Recommended lubricants

Grease, 0.4 kg cartridge	<b>797-5773-20</b>
Gear oil, 1 liter	<b>797-5870-10</b>

#### Technical data

Air pressure .....	Max. 13 bar/ Min. 6.5 bar
Air consumption .....	5-6 l/sec
Rated power (motor) .....	1.5 kW
Water pressure .....	Max. 8 bar/ Min. 4 bar
Water consumption .....	2-4 l/min *
Coolant/flushing medium .....	Water
Air connection, air hose .....	9.5 mm (3/8") ID
Water connection, water hose .....	9.5 mm (3/8") ID
Dimensions: HxWxD mm .....	990x670x795
Weight .....	95 kg

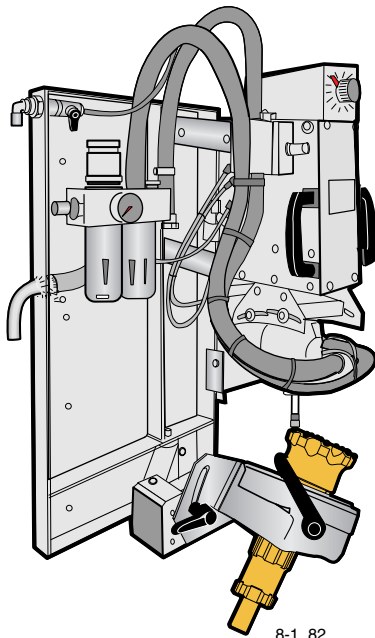
\* With cooling tank unit 0,2-0,3 l/min.

# Grinding

## Sanroc Micro

Part No.

### Sanroc Micro



8-1\_82

Intended for grinding all sizes and types of threaded button bits and DTH-bits up to 254 mm. Max. bit shank Ø 146 mm (5 3/4").

**Pneumatic grinder without cooling unit** **796-5700-10**  
(Sanbee grinding motor)

**Pneumatic grinder with cooling unit** **796-5701-10**  
(Sanbee grinding motor)

#### Accessories optional

Cooling/Flushing tank unit, complete **797-5488-60**  
 Assembly tools for O-ring replacement **797-5452**  
 Holder for reamer 12° **797-5330-12**  
 Air pressure reducing valve (max.28/min.7 bar) **797-5910-28**  
 Grinding gauge for button up to Ø 16 mm **795-1396**  
 Grinding cups **See page 115-116**

#### Service-exchange unit

Factory-reconditioned Sanbee grinding motor **796-5110-15**

#### Recommended lubricants

Grease, 0.4 kg cartridge **797-5773**  
 Air tool oil, 1 litre **797-5870-90**

#### Technical data

##### Pneumatic grinder

Air pressure ..... Max. 13 bar/ Min. 6 bar  
 Air consumption ..... 60-85 l/sec  
 Spindle speed..... 19000 r.p.m.  
 Water consumption..... 5-6 l/min  
 Dimensions: HxWxD mm ..... 705x335x370  
 Weight ..... 35 kg  
 Transport weight..... 45 kg

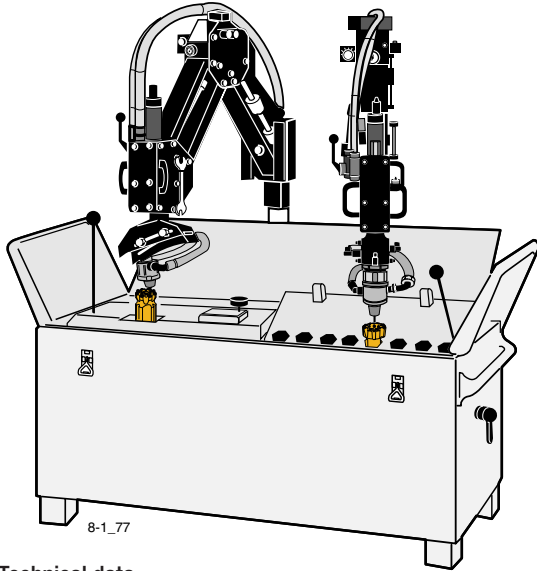


# Grinding

## Sanroc Flexi

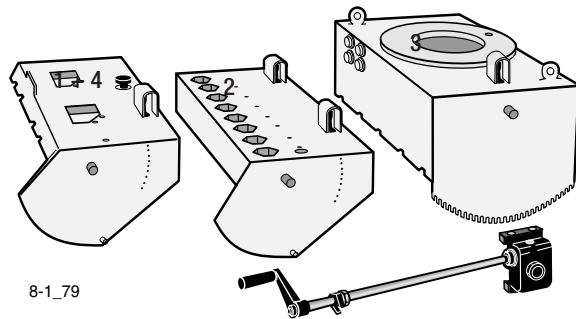
Part No.

### Sanroc Flexi



#### Technical data

Air pressure .....	Max. 13 bar/Min. 6 bar
Air consumption / arm .....	60-85 l/sec
Water pressure, flushing .....	Max. 6 bar
Water consumption / arm.....	5-6 l/min
Sanbee grinding motor, speed.....	19000 r.p.m.
Dimensions:	
Work - bench, HxWxD mm.....	2000 x 1650 x 1150
Weight/arm .....	33 kg
Total weight.....	257 resp. 290 kg
Transport weight.....	292 resp. 325 kg



#### Choice of bit holders

Bit holder for clamping threaded bits or retrac shirt max. Ø 100mm (4") and DTH bits ranging from Ø35 to 254 mm. Max. shank Ø 100mm (4")

Left mounting: .....	1	Part No 797-8021
Right mouting: .....	4	Part No 797-8022

Bit holder for clamping 8 bits up to Ø 102 mm

Right and left mounting: .....	2	Part No 797-8020
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Bit holder for clamping of bits up to Ø 508 mm (20").  
Max. shank Ø 190 mm (7 1/2").

Right and left mounting: .....	3	Part No 797-8023
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Semi-automatic grinder, intended for grinding all sizes and types of button bits, (DTH-bits up to Ø 508 mm).

#### Complete one arm grinder with bit holders

Choice	1 + 4	796-5401-14
Choice	1 + 2	796-5401-12
Choice	1 + 3	796-5401-13
Choice	2 + 4	796-5401-24
Choice	2 + 2	796-5401-22
Choice	2 + 3	796-5401-23
Choice	3 + 3	796-5401-33

#### Complete two arms grinder with bit holders

Choice	1 + 4	796-5402-14
Choice	1 + 2	796-5402-12
Choice	1 + 3	796-5402-13
Choice	2 + 4	796-5402-24
Choice	2 + 2	796-5402-22
Choice	2 + 3	796-5402-23
Choice	3 + 3	796-5402-33

#### Accessories optional

Holder for reamer 12°	797-5330-12
Tool for O-ring replacement	797-5452
Grinding gauge for button up to Ø 16 mm	795-1396
Grinding cups	See page 115-116

#### Service-exchange unit

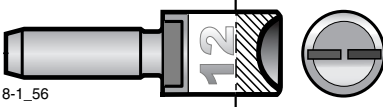
Factory-reconditioned Sanbee grinding motor	796-5110-05
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#### Recommended lubricants

Grease, 0,4 kg cartridge	797-5773
Air tool oil, 1 litre	797-5870-90

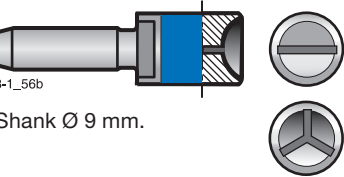
# Grinding

## Grinding cups

	For button size	Part No.
<b>Grinding cups for Sanbee and Sanroc Micro/Flexi/Mini/Multi grinders</b>		
<b>Sancup Super, (white)</b> For redressing spherical buttons  8-1_56 Shank Ø 9 mm.	7 mm	797-5400-07
	8 mm	797-5400-08
	9 mm	797-5400-09
	10 mm	797-5400-10
	11 mm	797-5400-11
	12 mm	797-5400-12
	13 mm	797-5400-13
	14 mm	797-5400-14
	16 mm	797-5400-16
	18 mm	797-5400-18

<b>Sancup Super, (red)</b> For redressing semi-ballistic buttons  8-1_57 Shank Ø 11 mm.	7 mm	797-5295-07
	8 mm	797-5295-08
	9 mm	797-5295-09
	10 mm	797-5295-10
	11 mm	797-5295-11
	12 mm	797-5295-12
	13 mm	797-5295-13
	14 mm	797-5295-14
	16 mm	797-5295-16
	18 mm	797-5295-18

### Grinding cups for sancone grinders

<b>Sancup Super, (blue)</b> For redressing spherical buttons  8-1_56b Shank Ø 9 mm.	7 mm	797-5270-07
	8 mm	797-5270-08
	9 mm	797-5270-09
	10 mm	797-5270-10
	11 mm	797-5270-11
	12 mm	797-5270-12
	13 mm	797-5270-13
	14 mm	797-5270-14
	16 mm	797-5270-16
	18 mm	797-5270-18

<b>Sancup Super, (green)</b> For redressing ballistic buttons  8-1_57b Shank Ø 9 mm.	7-8 mm	797-5272-08
	9 mm	797-5272-09
	10 mm	797-5272-10
	11 mm	797-5272-11
	12-13 mm	797-5272-12
	14 mm	797-5272-14

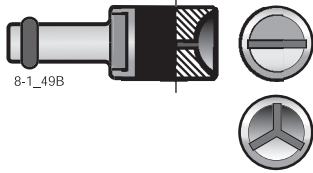
# Grinding

## Grinding cups

### Grinding cups for AC: LSD, CME: VS 200/ 220GTA, Jasco and others

#### Sancup (black)

For redressing spherical buttons



Shank Ø 8 mm.

\* For older grinder remove O-ring before use (VS 200)

For button size

Part No.

7-8-9 mm  
10 mm

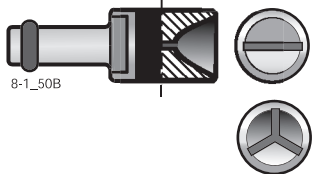
797-5356-08  
797-5356-10

11 mm  
12-13 mm  
14 mm  
16 mm

797-5356-11  
797-5356-12  
797-5356-14  
797-5356-16

#### Sancup (black)

For redressing ballistic buttons



Shank Ø 8 mm.

\* For older grinder remove O-ring before use (VS 200)

8-9 mm  
10 mm

797-5366-09  
797-5366-10

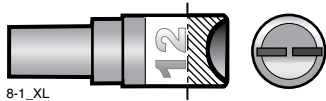
11 mm  
12-13 mm  
14 mm  
16 mm

797-5366-11  
797-5366-12  
797-5366-14  
797-5366-16

### Grinding cups for all XL-types of grinders

#### Sancup XL, (white)

For redressing spherical buttons

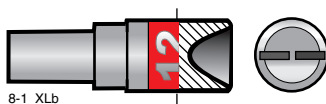


7 mm  
8 mm  
9 mm  
10 mm  
11 mm  
12 mm  
13 mm  
14 mm  
16 mm  
18 mm

797-5600-07  
797-5600-08  
797-5600-09  
797-5600-10  
797-5600-11  
797-5600-12  
797-5600-13  
797-5600-14  
797-5600-16  
797-5600-18

#### Sancup XL, (red)

For redressing semi-ballistic buttons



7 mm  
8 mm  
9 mm  
10 mm  
11 mm  
12 mm  
13 mm  
14 mm  
16 mm  
18 mm

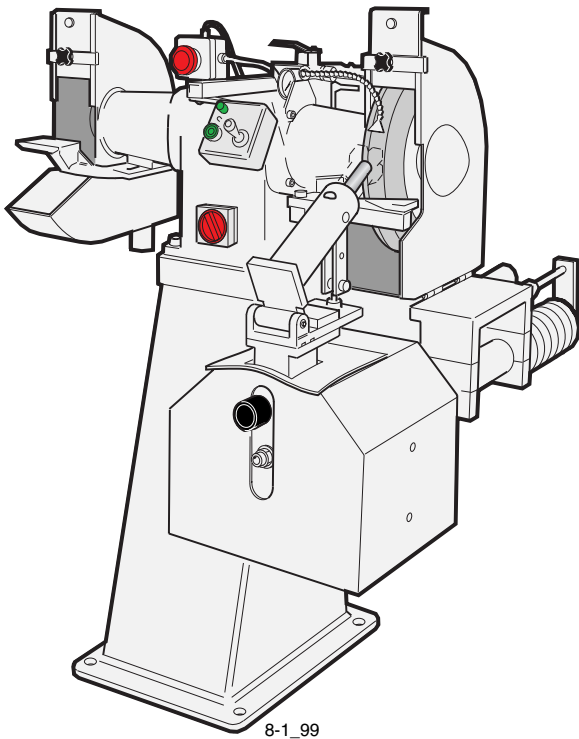
797-5700-07  
797-5700-08  
797-5700-09  
797-5700-10  
797-5700-11  
797-5700-12  
797-5700-13  
797-5700-14  
797-5700-16  
797-5700-18

# Grinding

## Sanroc Cross/Cross D

Part No.

### Sanroc Cross/Cross D



8-1\_99

Technical data	Sanroc Cross	Sanroc Cross D
Rated power .....	1.7 kW	1.7 kW
Speed 50Hz .....	1400 r.p.m.	1400 r.p.m.
Speed 60Hz .....	1680 r.p.m.	1680 r.p.m.
Water pressure .....	Max. 8 bar Min. 4 bar	Max. 8 bar Min. 4 bar
Dimensions: (HxWxD mm) .....	1250x1120x1350	1250x1350x1350
Weight .....	190 kg	245 kg
Grinding units:		
Rated power .....	0,37 kW	0,37 kW
Stroke frequency 50Hz .....	140 strokes/min	140 strokes/min
Stroke frequency 60Hz .....	168 strokes/min	168 strokes/min
Semiautomatic gauge grinding unit (796-2960-XX):		
Rated power .....	—	0,45 kW
Stroke frequency 50Hz .....	—	93 strokes/min
Stroke frequency 60Hz .....	—	112 strokes/min
Speed 50Hz .....	—	120 r.p.m.
Speed 60Hz .....	—	144 r.p.m.
Weight .....	—	75 kg

**NOTE! Grinding wheels and mandrels are not included.**

Sanroc Cross are intended for frontal grinding of cross bits up to Ø 64 mm.

Grinder Sanroc Cross, with manuell bit holder. **796-3200-XX**<sup>1)</sup>

Grinder Sanroc Cross, with pneumatic bit holder. **796-3201-XX**<sup>1)</sup>

Sanroc Cross D are intended for frontal and gauge grinding of cross bits up to Ø 64 mm.

Grinder Sanroc Cross D with right mounted frontal and left mounted semi-automatic gauge grinding equipment. **796-3231-XX**<sup>1)</sup>

<sup>1)</sup> The last two digits (XX) in the ordering code are used to specify the electrical equipment, see table.

260 V	3 phases	50 Hz	<b>796-32XX-51</b>
380/420 V	3 phases	50 Hz	<b>796-32XX-52</b>
440 V	3 phases	50 Hz	<b>796-32XX-55</b>
550 V	3 phases	50 Hz	<b>796-32XX-56</b>
660 V	3 phases	50 Hz	<b>796-32XX-57</b>
500 V	3 phases	50 Hz	<b>796-32XX-58</b>
220-240 V	3 phases	50 Hz	<b>796-32XX-59</b>
220-290 V	3 phases	60 Hz	<b>796-32XX-60</b>
380-480 V	3 phases	60 Hz	<b>796-32XX-61</b>
550 V	3 phases	60 Hz	<b>796-32XX-65</b>
600 V	3 phases	60 Hz	<b>796-32XX-66</b>

#### Accessories included in delivery

Grinding wheel dresser	<b>796-1858</b>
Protective goggles	<b>797-5771</b>
Dressing template, cross bits 126°	<b>797-6035-06</b>

#### Accessories optional

Manual gauge-grinding unit	<b>796-6050-50</b>
Semi-automatic gauge-grinding unit, (standard Cross D)	<b>796-2960-XX</b>
Timer for gauge-grinder, 60 sec.	<b>797-6015-56</b>
Pneumatic bit-holder without mandrel	<b>797-6020</b>
Foot pedal	<b>797-5730-13</b>
Timer, 30 sec.	<b>797-6015-60</b>
Spare rollers for wheel dresser	<b>796-1867</b>
Dressing template, straight (Cross D)	<b>797-6035-45</b>
Grinding template	See page 121
Grinding wheels	See page 120/127
Mandrels	See page 120/121
Grinding wheel dresser	See page 121

#### Recommended lubricants

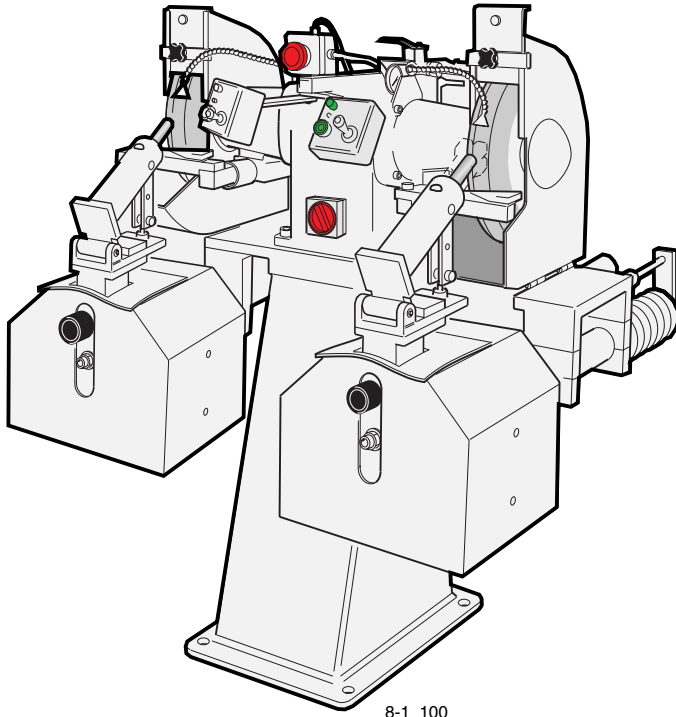
Air tool oil, 1 litre	<b>797-5870-90</b>
Grease, 0.4 kg cartridge	<b>797-5773</b>

# Grinding

## Sanroc Cross Duo

Part No.

### Sanroc Cross Duo



Twin-mounted frontal grinding machine.  
Intended for frontal grinding of cross bits  
up to  $\varnothing$  64 mm.

**Grinder Sanroc Cross Duo, with manual  
bit holder** 796-3300-XX<sup>1)</sup>

**Grinder Sanroc Cross Duo, with pneumatic  
bit holder** 796-3301-XX<sup>1)</sup>

<sup>1)</sup> The last two digits (XX) in the ordering code are used to specify the electrical equipment, see table.

260 V	3 phases	50 Hz	796-330X-51
380/420 V	3 phases	50 Hz	796-330X-52
440 V	3 phases	50 Hz	796-330X-55
550 V	3 phases	50 Hz	796-330X-56
660 V	3 phases	50 Hz	796-330X-57
500 V	3 phases	50 Hz	796-330X-58
220-240 V	3 phases	50 Hz	796-330X-59
220-290 V	3 phases	60 Hz	796-330X-60
380-480 V	3 phases	60 Hz	796-330X-61
550 V	3 phases	60 Hz	796-330X-65
600 V	3 phases	60 Hz	796-330X-66

#### Technical data

Rated power .....	1.7 KW
Speed 50Hz .....	1400 r.p.m.
Speed 60Hz .....	1680 r.p.m.
Water pressure.....	Max. 8 bar/ Min. 4 bar
Dimensions: (HxWxD mm) .....	1250x1350x1350
Weight .....	210 kg

#### Grinding units:

Rated power.....	2 x 0,37 kW
Stroke frequency 50Hz .....	140 strokes/min
Stroke frequency 60Hz .....	168 strokes/min

**NOTE! Grinding wheels and  
mandrels are not included.**

#### Accessories included in delivery

Grinding wheel dresser	796-1858
Protective goggles	797-5771
Dressing template, cross bits 126°	797-6035-06

#### Accessories optional

Pneumatic bit-holder without mandrel	797-6020
Foot pedal	797-5730-13
Timer, 30 sec.	797-6015-60
Spare rollers for wheel dresser	796-1867
Grinding template	See page 121
Grinding wheels	See page 120/127
Mandrels	See page 120/121
Grinding wheel dresser	See page 121

#### Recommended lubricants

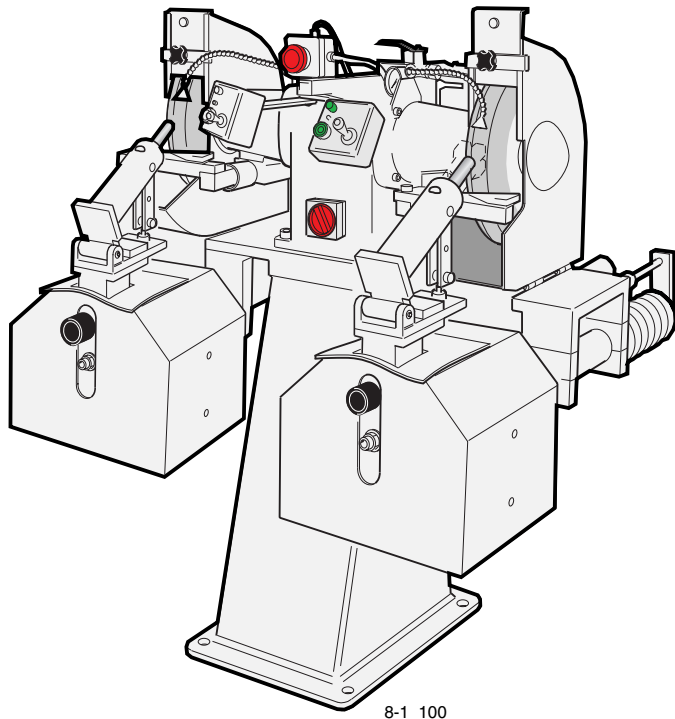
Air tool oil, 1 litre	797-5870-90
Grease, 0.4 kg cartridge	797-5773

# Grinding

## Sanroc X

Part No.

### Sanroc X



8-1\_100

#### Technical data

Rated power.....	1.7 kW
Speed 50Hz .....	1400 r.p.m.
Speed 60Hz .....	1680 r.p.m.
Water pressure.....	max. 8 bar/ Min. 4 bar
Dimensions (HxWxD mm) .....	1250x1350x1350
Weight .....	245 kg

#### Grinding units:

Rated power.....	2 x 0,37 kW
Stroke frequency 50Hz .....	140 strokes/min
Stroke frequency 60Hz .....	168 strokes/min

**NOTE! Grinding wheels and mandrels are not included.**

Twin-mounted frontal grinding machine.  
Intended for frontal grinding of X-bits  
up to Ø 76 mm.

**Grinder Sanroc X with manual bit holder** 796-3600-XX<sup>1)</sup>

**Grinder Sanroc X with pneumatic bit holder** 796-3601-XX<sup>1)</sup>

<sup>1)</sup> The last two digits (XX) in the ordering code are used to specify the electrical equipment, see table.

260 V	3 phases	50 Hz	796-360X-51
380/420 V	3 phases	50 Hz	796-360X-52
440 V	3 phases	50 Hz	796-360X-55
550 V	3 phases	50 Hz	796-360X-56
660 V	3 phases	50 Hz	796-360X-57
500 V	3 phases	50 Hz	796-360X-58
220-240 V	3 phases	50 Hz	796-360X-59
220-290 V	3 phases	60 Hz	796-360X-60
380-480 V	3 phases	60 Hz	796-360X-61
550 V	3 phases	60 Hz	796-360X-65
600 V	3 phases	60 Hz	796-360X-66

#### Accessories included in delivery

Grinding wheel dresser	796-1858
Protective goggles	797-5771
Dressing template, X-bits 75°	797-6035-07
Dressing template, X-bits 105°	797-6035-08

#### Accessories optional

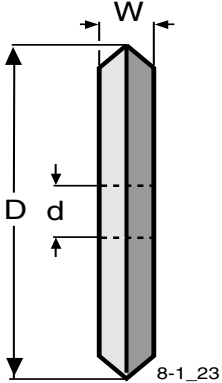
Pneumatic bit-holder without mandrel	797-6020
Foot pedal	797-5730-13
Timer, 30 sec.	797-6015-60
Spare rollers for wheel dresser	796-1867
Grinding template	See page 121
Grinding wheels	See page 120/127
Mandrels	See page 120/121
Grinding wheel dresser	See page 121

#### Recommended lubricants

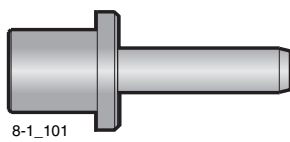
Air tool oil, 1 litre	797-5870-90
Grease, 0.4 kg cartridge	797-5773

# Grinding

## Accessories for Sanroc Cross M/MD, Sanroc Cross/D/Duo, Sanroc X

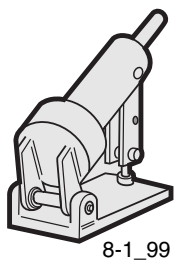
	Bit insert angle		mm	Wheel angle	D	W	d	Part No.	
<b>Grinding wheel, wet grinding</b>									
 <p>8-1_23</p>	90°	Cross bits	33-35	132°	300	23	32	797-1190-23	
	90°		38-41	132°	300	26	32	797-1190-26	
	90°		43-45	132°	300	29	32	797-1190-29	
	90°		48-51	132°	300	32	32	797-1190-32	
	75°	X-bits	64	126°	300	35	32	797-1175-35	
	75°		76	126°	300	44	32	797-1175-44	
	105°		64	139°	300	48	32	797-1105-48	
	105°		76	139°	300	58	32	797-1105-58	
			Straight wheel for gauge grinding 35-76			300	32	32	797-1100-32

### Mandrel for manual bit holder, complete for Sanroc Cross/Cross Duo/Cross D and Sanroc X



For R22 (7/8") thread	797-6030-22
For R23 (29/32") thread	797-6030-23
For R25 (1") thread	797-6030-25
For R28 (1 1/8") thread	797-6030-28
For R32 (1 1/4") thread	797-6030-32
For R35 (1 3/8") thread	797-6030-35
For R38/T38 (1 1/2") thread	797-6030-38
For T45 (1 3/4") thread	797-6030-45

### Pneumatic bit-holder, complete without mandrel for Sanroc Cross/Cross Duo/Cross D and Sanroc X



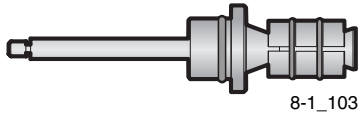
797-6020

# Grinding

## Accessories for Sanroc Cross M/MD, Sanroc Cross/D/Duo, Sanroc X

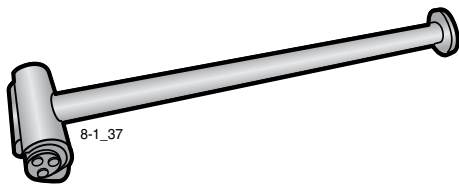
Part No.

### Mandrel, complete for pneumatic bit holder, also for semi-automatic gauge-grinding unit



For R23 (29/32") thread	797-6020-23
For R25 (1") thread	797-6020-25
For R28 (1 1/8") thread	797-6020-28
For R32 (1 1/4") thread	797-6020-32
For R35 (1 3/8") thread	797-6020-35
For R38/T38 (1 1/2") thread	797-6020-38
For T45 (1 3/4") thread	797-6020-45

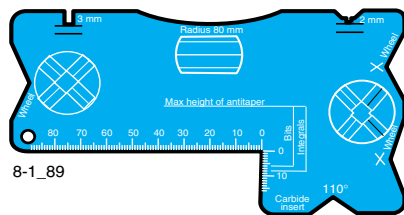
### Wheel dresser



Wheel dresser, complete	796-1858
- Shaft (1 pcs) <sup>1)</sup>	796-1862
- Bearing bushing (2 pcs) <sup>1)</sup>	796-1863
- Screw (6 pcs) <sup>1)</sup>	796-1865
- Cover (2 pcs) <sup>1)</sup>	796-1866
- 1 set of dresser rollers <sup>1)</sup>	796-1867

<sup>1)</sup> Included in a complete unit.

### Grinding template, for Cross and X-bits



795-1343

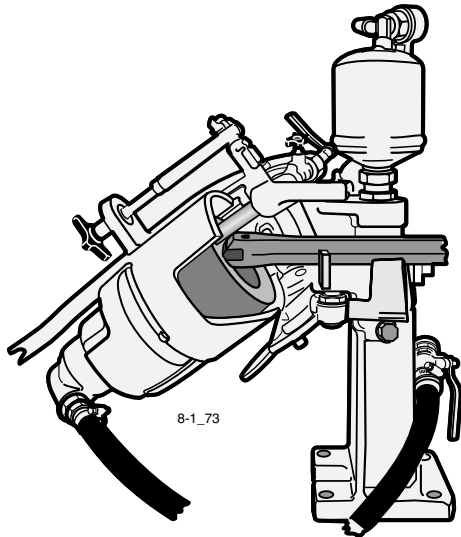


# Grinding

## Sanroc ILP

Part No.

### Sanroc ILP



Mobile, lightweight, pneumatic grinder.  
Intended for frontal and gauge grinding of chisel  
integral steels.

**Complete grinder, air powered** 796-5300

#### Accessories included in delivery

Grinding wheel for dry grinding	797-1227-15
Protective goggles	797-5771
T - hexagon wrench	797-5766-06

#### Accessories optional

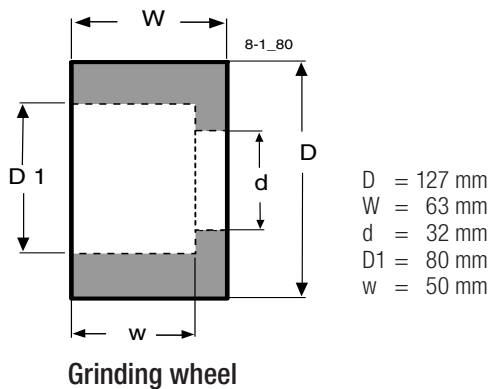
Grinding wheels:	
For dry grinding	797-1227-15
For wet grinding	797-1227-10
In line oiler	797-5747-50
Kit for grinding plug-hole drill steel steels	797-5489-50
Mounting bracket (for drill rig)	797-5330-91
Support for integral steels	797-5330-92
Grinding template for chisel bit	795-1343
Grinding template for plug-hole steels	795-1336

#### Technical data

Air pressure .....	Max 8 bar/ Min. 6 bar
Air consumption .....	40-60 l/sec
Rated power (motor) .....	1.7 kW
Idling speed.....	4900 r.p.m.
Hose connections:	
Air, air hose.....	12.5 mm (1/2") ID
Air or water hose for cooling.....	9.5 mm (3/8") ID
Dimensions: HxWxD mm.....	660x550x350
Grinding wheel dimesions .....	127x63x32 mm
Weight inclusive of grinding wheel	16.5 kg
Cutting-edge radius .....	80 mm
Cutting-edge angle.....	110°

#### Recommended lubricants

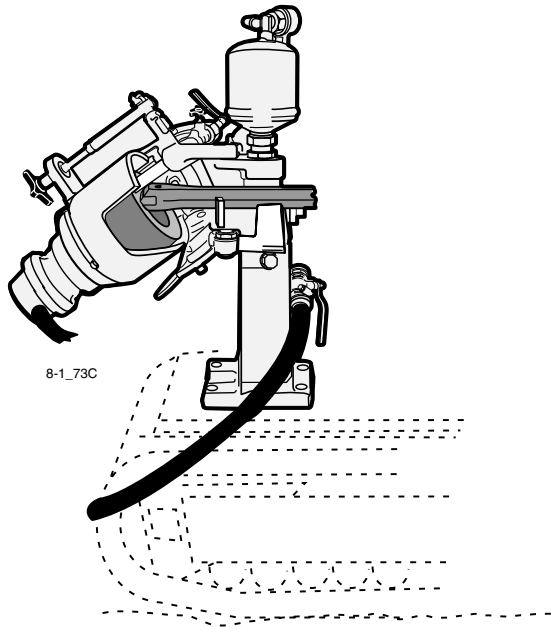
Air tool oil, 1 litre	797-5870-90
Grease, 0,4 kg cartridge	797-5773



# Grinding

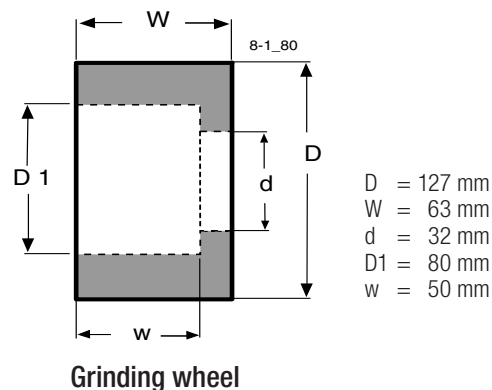
## Sanroc ILH

### Sanroc ILH



#### Technical data

Hydraulic pressure .....	Max 200 bar/ Min. 140 bar
Oil flow consumption .....	12 l/min
Air pressure .....	Max 8 bar
Air consumption .....	5-10 l/sec
Rated power (motor) .....	4 kW
Idling speed.....	3700 r.p.m.
Hose connections:	
Hydraulic, hydraulic hose .....	R 3/8" female thread
Air, air hose.....	9.5 mm (3/8") ID
Water, water hose.....	9.5 mm (3/8") ID
Dimensions: HxWxD mm.....	600x550x350
Grinding wheel dimensions.....	127x63x32 mm
Cutting-edge radius .....	80 mm
Cutting-edge angle.....	110°



#### Part No.

Mobile, lightweight, hydraulic grinder. Intended for frontal and gauge grinding of chisel integral steel.

**Complete grinder, hydraulic powered** **796-5330**

#### Accessories included in delivery

Grinding wheel for dry grinding	797-1227-15
Protective goggles	797-5771
T - hexagon wrench	797-5766-06

#### Accessories optional

Grinding wheels:	
For dry grinding	797-1227-15
For wet grinding	797-1221-10
Kit for grinding plug hole drill steels	797-5489-50
Mounting bracket (for drill rig)	797-5330-91
Support for integral steels	797-5330-92
Grinding template for chisel bit	795-1343
Grinding template for plug hole steels	795-1336

For Tamrock Commander:  
Hydraulic mounting kit **797-5775-20**

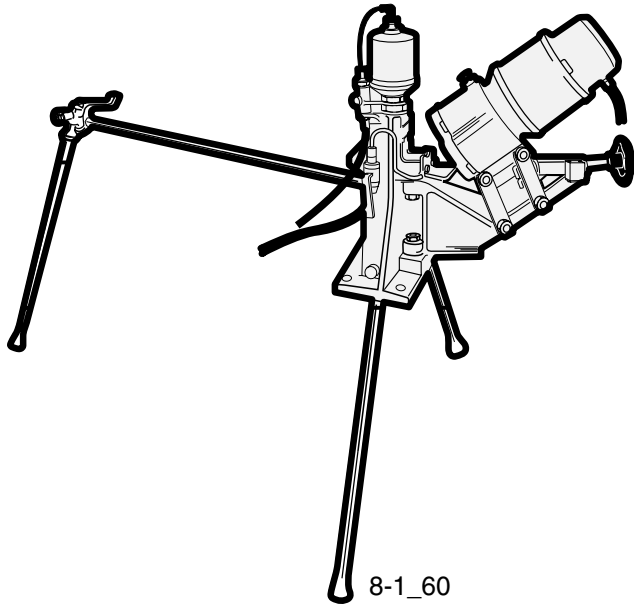
#### Recommended lubricants

Grease, 0,5 kg cartridge **797-8773**

# Grinding

## Sanroc IP

### Sanroc IP



#### Part No.

Pneumatic grinder intended for frontal and gauge grinding of chisel integral steels.

**Complete grinder** 796-5050

#### Accessories included in delivery

Grinding wheel for dry grinding	797-1252-15
T - hexagon wrench 6 mm	797-5766-06
Protective goggles	797-5771

#### Accessories optional

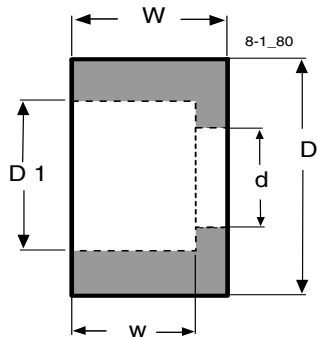
Grinding wheels:	
For dry grinding	797-1252-15
For wet grinding	797-1252-10
Inline oiler	797-5747-50
Support legs (Set 2 pcs)	797-5347
Grinding template for chisel bit	795-1343

#### Recommended lubricants

Air tool oil, 1 litre	797-5870-90
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#### Technical data

Air pressure .....	Max. 8 bar/ Min. 6 bar
Air consumption .....	20-45 l/sec
Idling speed: .....	4200 r.p.m.
Air motor.....	1.5 kW
Hose connetions:	
Air, air hose.....	12.5 mm (1/2") ID
Water, water hose.....	9.5 mm (3/8") ID
Weight inclusive of grinding wheel....	38 kg
Cutting-edge radius.....	80 mm
Cutting-edge angle.....	110°



D = 152 mm
W = 83 mm
d = 63.5 mm
D1 = 100 mm
w = 64 mm

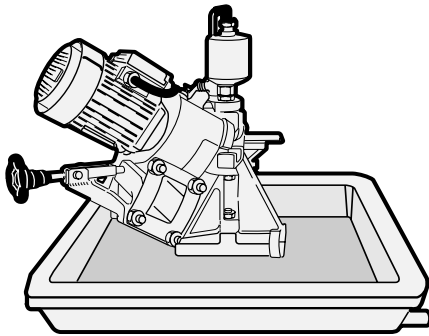
Grinding wheel

# Grinding

## Sanroc IE

Part No.

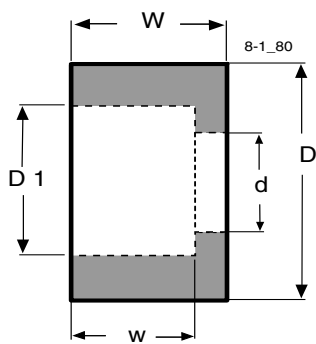
### Sanroc IE



8-1\_61

#### Technical data

Air pressure .....	Max 8 bar/ Min. 6 bar
Air consumption .....	20-45 l/sec
Idling speed.....	4200 r.p.m.
Air motor.....	1.5 kW
Hose connections:	
Air, air hose.....	12.5 mm (1/2") ID
Water, water hose.....	9.5 mm (3/8") ID
Weight inclusive of grinding wheel ....	38 kg
Cutting-edge radius .....	
Cutting-edge angle.....	80 mm
	110°



D	= 152 mm
W	= 83 mm
d	= 63.5 mm
D1	= 100 mm
w	= 64 mm

Grinding wheel

Electric grinder intended for frontal and gauge grinding of chisel integral steels.

**Complete grinder (without water tray)** *796-5012-XX<sup>1)</sup>*

<sup>1)</sup> The last two digits (XX) in the ordering code are used to specify the electrical equipment, see table.

220-240 V	1 phase	50 Hz	<i>796-5012-50</i>
260 V	3 phases	50 Hz	<i>796-5012-51</i>
380/420 V	3 phases	50 Hz	<i>796-5012-52</i>
440 V	3 phases	50 Hz	<i>796-5012-55</i>
550 V	3 phases	50 Hz	<i>796-5012-56</i>
660 V	3 phases	50 Hz	<i>796-5012-57</i>
500 V	3 phases	50 Hz	<i>796-5012-58</i>
220-240 V	3 phases	50 Hz	<i>796-5012-59</i>

220-290 V	3 phases	60 Hz	<i>796-5012-60</i>
380-480 V	3 phases	60 Hz	<i>796-5012-61</i>
550 V	3 phases	60 Hz	<i>796-5012-65</i>
600 V	3 phases	60 Hz	<i>796-5012-66</i>

#### Accessories included in delivery

Grinding wheel for dry grinding	<i>797-1252-15</i>
T - hexagon wrench 6 mm	<i>797-5766-06</i>
Protective goggles	<i>797-5771</i>

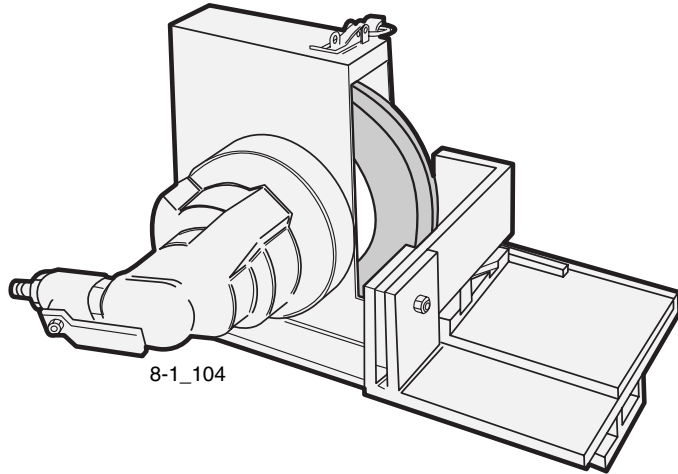
#### Accessories optional

Grinding wheels:	
For dry grinding	<i>797-1252-15</i>
For wet grinding	<i>797-1252-10</i>
Water tray (plastic)	<i>797-5346</i>
Support legs (set 2 pcs)	<i>797-5347</i>
Grinding template for chisel bit	<i>795-1343</i>

# Grinding

## Sanroc IXP/IXH

### Sanroc IXP/IXH



Technical data	Sanroc IXP	Sanroc IXH
Hydraulic pressure .....	—	Max.200 bar Min. 140 bar
Oil flow consumption .....	—	12 l/min
Air pressure .....	Max 8 bar Min. 6 bar	—
Air consumption .....	40-60 l/sec	—
Rated power .....	1.7 KW	4.0 KW
Idling speed.....	3000 r.p.m.	3000 r.p.m.
Dimensions:		
Grinder (HxWxD mm).....	250x285x395	
250x240x395		
Grinding wheel 132°, DxWxd mm.....	200x28x32	200x28x32
Grinding wheel straight, DxWxd mm ...	200x32x32	200x32x32
Weight .....	20 kg	18 kg
Air hose .....	12.5 mm (1/2") ID	—
Hydraulic hose.....	—	R 3/8"

**NOTE! Grinding wheels and mandrels are not included.**

### Part No.

Sanroc IXP/IXH are intended for frontal and gauge grinding of integral steels with 3 or 4 inserts and threaded or tapered bits.

**Grinder Sanroc IXP, pneumatic powered** 796-3800

**Grinder Sanroc IXH, hydraulic powered** 796-3830

#### Accessories included in delivery

Grinding wheel dresser	796-1858
T - hexagon wrench	797-5766-06
Protective goggles	797-5771
Pressing template for crossbit	797-6035-08

#### Accessories optional

Grinding wheel, dry, 132°	797-1185-28
Grinding wheel, dry, straight for gauge grinding	797-1101-32
Dressing template 4-inserts (cross bit)	797-6035-08
Dressing template 3-inserts	797-6035-23
Grinding template, cross bit	795-1343
Spare rollers for wheel dresser	796-1867
Mounting bracket (for drill rig)	797-5330-91

For Tamrock Commander:

Hydraulic mounting kit, IXH 797-5775-20

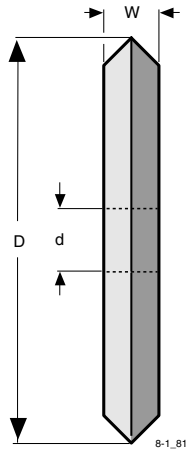
#### Recommended lubricants

Air tool oil (IXP), 1 litre	797-5870-90
Grease (IXH), 0,4 kg cartridge	797-5773

# Grinding

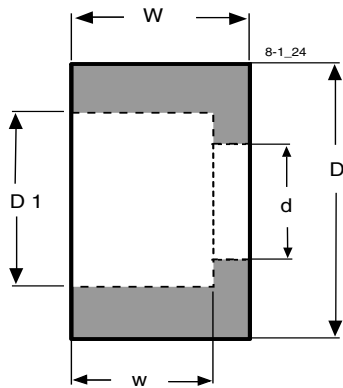
## Grinding wheels

### Sanroc IXP/IXH (132°)



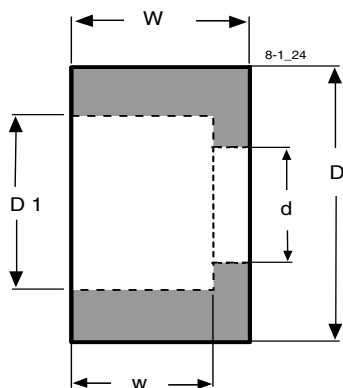
	D	W	d	Part No.
For cross bits 33-43 mm Dry	200	28	32	<b>797-1185-28</b>
Straight wheel for gauge grinding Dry	200	32	32	<b>797-1101-32</b>

### Sanroc ILP, ILH, IP and IE



	D	W	d	D1	w	Part No.
ILP/ILH Dry	127	63	32	80	50	<b>797-1227-15</b>
ILP/ILH Wet	127	63	32	80	50	<b>797-1227-10</b>
IP/IE Dry	152	83	63.5	100	64	<b>797-1252-15</b>
IP/IE Wet	152	83	63.5	100	64	<b>797-1252-10</b>

### Secoroc: Junior and Senior, AC: Teroc 1500/1501



	D	W	d	D1	w	Part No.
Dry	203	102	32	150	80	<b>797-1250-15</b>
Wet	203	102	32	150	80	<b>797-1250-10</b>