

### Special features

- Stepless rotational speed adjustment
- Digital electronics for constant rotational speed
- Overload protection
- Smooth start-up for protection of people, tools and drive
- Restart protection in case of power failure

Accessories included:

3 m power cable, 6 mm collet, 2 keys

### UGER 11/330 SI

Rotational speed: 33,000 RPM / Output: 1,050 watts



Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50–60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 11/330 SI 230 V	777367	15,000–33,000	230	1,050	650	8	2.250

### Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	1/4 inch	3/8 inch
EAN 4007220					
8	213674	213704	213711	213681	213728

For dimensions see pages 106–107.

### Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 18 mm	206843

### Suitable PFERD tools

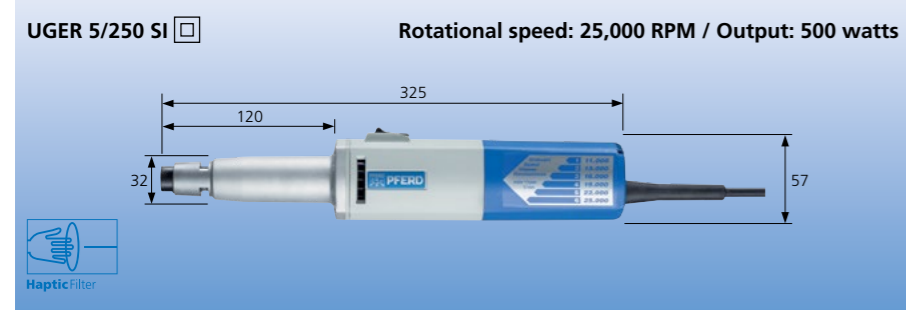
Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
<b>TC burrs</b> Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 4 to 16 mm  Cut 1, ALU, FVK, FVKS, PLAST, EDGE Dia. 6 to 16 mm  <b>HSS rotary cutters</b> <b>Special cuts</b> Dia. up to 3.2 mm	<b>Mounted points</b> Dia. 16 mm  Dia. up to 50 mm Width ≤ 70 mm	<b>Poliflex® fine grinding points</b> Dia. 6 to 25 mm  <b>Abrasive spiral bands and rubber drum holders</b> Dia. 4 to 38 mm  <b>POLICAP®</b> Dia. 7 to 13 mm  <b>POLIROLL®/POLICO®</b> Dia. 6 to 12 mm  <b>Mounted flap wheels</b> Dia. 15 to 25 mm  <b>Felt points</b> Dia. 6 to 12 mm	<b>Diamond grinding points</b> Dia. 6.0 to 20.0 mm  <b>CBN grinding points</b> Dia. 9.0 to 20.0 mm  <b>Diamond cut-off wheels</b> Dia. 30 to 50 mm  matching <b>arbors</b> <b>BO 6/10 3</b> <b>BO 8/10 3</b>	<b>Cut-off wheels EHT</b> Dia. 50 to 55 mm  <b>Ring wheels ER</b> Dia. 50 to 55 mm  matching <b>arbors</b> <b>BO 6/6 0-4</b> <b>BO 6/10 0-4</b> <b>BO 8/10 0-4</b>	<b>End brushes</b> crimped PBU dia. 10 to 12 mm  knotted PBG dia. 23 mm  <b>Wheel brushes</b> crimped RBU dia. 20 to 30 mm  knotted RBG dia. 70 mm RBGIT dia. 70 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.

**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202–208.





Rotational speed: 25,000 RPM / Output: 500 watts

**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure  
 Very easy-to-handle machine

Accessories included:  
 3 m power cable, 6 mm collet, 2 keys

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 5/250 SI 230 V	265581	11,000-25,000	230	500	300	11	1.350

Collets

Group	For shank dia.				
	3 mm	6 mm	8 mm	1/8 inch	1/4 inch
	EAN 4007220				
11	196236	196281	196304	196335	196328

For dimensions see pages 106-107.

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 18 mm	206843

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
<b>TC burs</b> Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO Dia. 6 to 20 mm	<b>Mounted points</b> Dia. 16 mm Dia. up to 50 mm Width ≤ 70 mm	<b>Abrasive spiral bands and rubber drum holders</b> Dia. up to 50 mm <b>POLICAP®</b> Dia. up to 16 mm <b>POLIROLL®</b> Dia. up to 15 mm	<b>Diamond grinding points</b> Dia. 6.0 to 25.0 mm <b>CBN grinding points</b> Dia. 12.0 to 25.0 mm <b>Diamond cut-off wheels</b> Dia. 22 to 50 mm	<b>Cut-off wheels EHT</b> Dia. 50 to 55 mm matching <b>arbor</b> <b>BO 6/6 0-4</b> <b>Ring wheels ER</b> Dia. 50 to 55 mm matching <b>arbor</b> <b>BO 6/6 3-10</b>	<b>End brushes</b> crimped PBU dia. 10 to 20 mm knotted PBG dia. 19 to 23 mm <b>Wheel brushes</b> crimped RBU dia. 20 to 30 mm knotted RBG dia. 70 mm RBGIT dia. 70 mm
<b>Cut 1, ALU, FVK, FVKS, PLAST, EDGE</b> Dia. 6 to 16 mm		<b>Mounted flap wheels</b> Dia. up to 30 mm <b>Poliflex® fine grinding points</b> Dia. 8 to 25 mm <b>POLINOX® cross buffs</b> Dia. up to 38 mm <b>Felt points</b> Dia. up to 15 mm	<b>matching arbors</b> <b>BO 3/1.7 1</b> <b>BO 6/10 3</b> <b>BO 8/10 3</b>		
<b>HSS rotary cutters</b> Cut 1, 3 and special cuts Dia. up to 4 mm					

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.  
**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202-208.



**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure

Accessories included:  
 3 m power cable, 6 mm collet, 2 keys



Rotational speed: 15,000 RPM / Output: 1,530 watts

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 15/150 SI 230 V	801864	6,800-15,000	230	1,530	1,050	12	3.050

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	12 mm	1/4 inch
	EAN 4007220				
12	195994	196014	196038	196045	196052

For dimensions see pages 106-107.

Keys

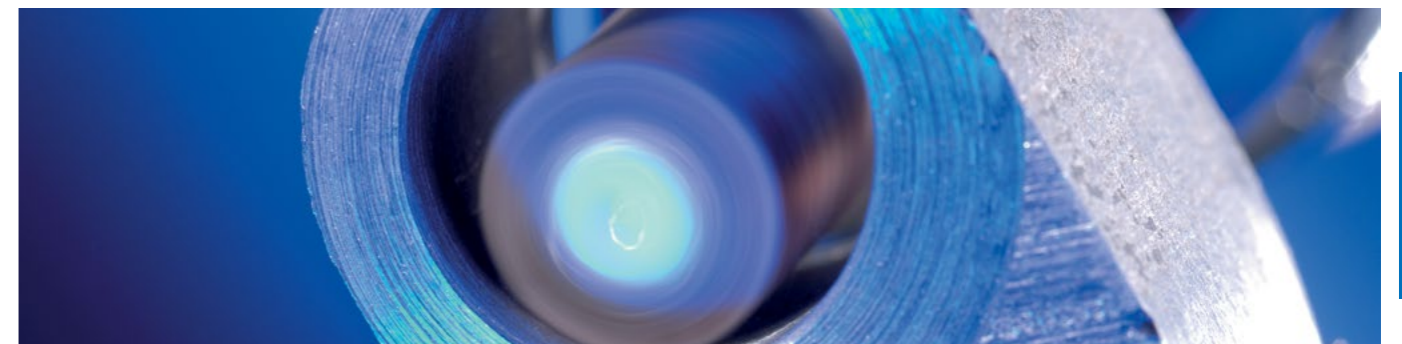
Description	EAN 4007220
EM SW 22 mm	206850

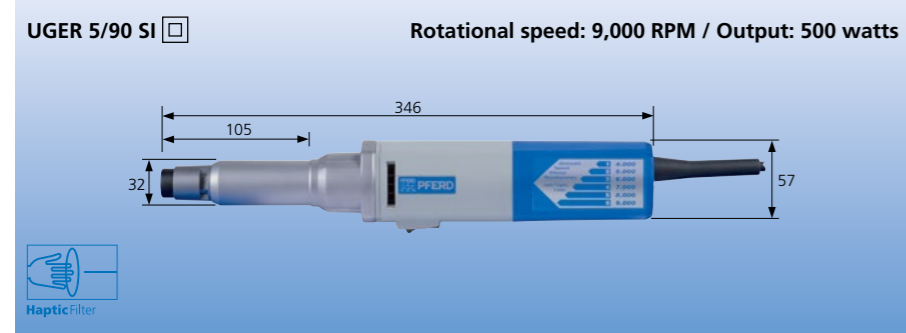
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 206	Catalogue 208
<b>TC burs</b> Cut 3, 3 PLUS, 4, 5, STEEL, INOX, NON-FERROUS, CAST, TOUGH, TOUGH-S, MICRO, EDGE Dia. 12 to 20 mm <b>HSS rotary cutters</b> Cut 1, 2, 3, 5, special cuts Dia. 5 to 7 mm	<b>Mounted points</b> Dia. 16 mm Dia. up to 50 mm Width ≤ 70 mm	<b>Abrasive spiral bands and rubber drum holders</b> Dia. 30 to 75 mm <b>Mounted flap wheels</b> Dia. 25 to 50 mm <b>POLINOX® mounted grinding wheels</b> Dia. up to 40 mm <b>POLICLEAN® tools</b> Dia. up to 50 mm <b>Poliflex® fine grinding points</b> <b>Poliflex® fine grinding discs</b> Dia. 10 to 30 mm <b>POLIROLL®</b> Dia. up to 18 mm	<b>Diamond grinding points</b> Dia. 10 to 25 mm <b>CBN grinding points</b> Dia. 20,0 mm <b>Diamond cut-off wheels</b> Dia. 30 to 50 mm matching <b>arbors</b> <b>BO 6/10 3</b> <b>BO 8/10 3</b>	<b>Cut-off wheels EHT</b> Dia. 50 to 55 mm matching <b>arbors</b> <b>BO 6/6 0-4</b> <b>BO 6/10 0-4</b> <b>BO 8/10 0-4</b> <b>Ring wheels ER</b> Dia. 50 to 55 mm matching <b>arbors</b> <b>BO 6/6 3-10</b> <b>BO 8/10 6-20</b>	<b>End brushes</b> crimped PBU dia. 10 to 30 mm knotted PBG dia. 19 to 30 mm <b>Wheel brushes</b> crimped RBU dia. 20 bis 70 mm knotted RBG dia. 70 to 100 mm <b>Shank mounted bevel brushes</b> KBU dia. 50 to 70 mm KBUIT dia. 50 to 70 mm

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.  
**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202-208.





Rotational speed: 9,000 RPM / Output: 500 watts

**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure  
 Particularly suitable for POLINOX® and POLIVLIES® tools  
 Accessories included:  
 3 m power cable, 6 mm collet, 2 keys

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 5/90 SI 230 V	267332	4,000-9,000	230	500	300	11	1.440

Collets

Group	For shank dia.				
	3 mm	6 mm	8 mm	1/8 inch	1/4 inch
EAN 4007220					
11	196236	196281	196304	196335	196328

For dimensions see pages 106-107.

Keys

Description	EAN 4007220
EM SW 14 mm	206836
EM SW 18 mm	206843



**POLINOX® set**  
 PNL/Z/R 6050 UGER 5/90 230 V  
 For further information and ordering data on POLINOX® set, please refer to Catalogue 204.

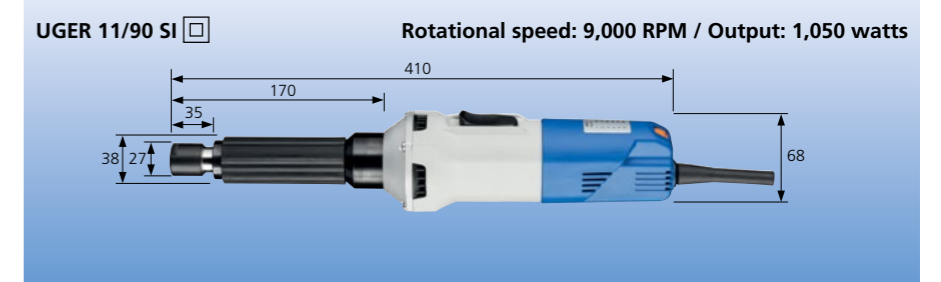
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 208
<b>TC burrs</b> Cut 3, 3 PLUS, 4, 5, NON-FERROUS, TOUGH, TOUGH-S, EDGE Dia. 16 to 20 mm <b>HSS rotary cutters</b> Cut 1, 2, 3, 5, special cuts Dia. 7 to 10 mm	<b>Mounted points</b> Dia. 16 mm Dia. up to 50 mm Width ≤ 70 mm	<b>Poliflex® fine grinding points</b> Bond: PUR Dia. 15 to 50 mm <b>Poliflex® mounted texturing points PU-STRUC</b> Dia. up to 32 mm <b>POLIROLL® grinding rolls</b> Dia. 18 mm <b>POLISTAR</b> Dia. 30 to 50 mm <b>POLINOX® mounted grinding wheels</b> <b>POLINOX® unitized wheels PNER</b> Dia. up to 50 mm	<b>Overlap slotted discs</b> Dia. 30 to 50 mm <b>POLINOX® cross buffs</b> Dia. up to 38 mm <b>POLICLEAN® mounted tools</b> Dia. up to 50 mm <b>Felt points</b> <b>Mounted felt flap wheels</b> Dia. 30 to 50 mm <b>Felt wheels</b> Dia. up to 45 mm <b>Mounted flap wheels</b> Dia. up to 50 mm	<b>Diamond grinding points</b> Dia. 12.0 to 20.0 mm <b>CBN grinding points</b> Dia. 20.0 mm <b>Diamond cut-off wheels</b> Dia. 22 to 50 mm matching arbors <b>BO 3/1,7 1</b> <b>BO 6/10 3</b> <b>BO 8/10 3</b> <b>End brushes</b> crimped PBUR dia. 12 to 25 mm knotted PBGS dia. 10 to 12 mm <b>Shank mounted bevel brushes</b> KBU dia. 50 mm <b>Shank mounted cup brushes</b> TBU dia. 50 mm especially with INOX, brass and SiC filaments <b>Wheel brushes</b> crimped RBU dia. 50 mm matching arbor <b>BO 8/12-22.2 5-18</b>

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.  
**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202-208.

**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure  
 Accessories included:  
 3 m power cable, 6 mm collet, 2 keys



Rotational speed: 9,000 RPM / Output: 1,050 watts

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 11/90 SI 230 V	948842	3,800-9,000	230	1,050	650	12	2.370

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	12 mm	1/4 inch
EAN 4007220					
12	195994	196014	196038	196045	196052

For dimensions see pages 106-107.

Keys

Description	EAN 4007220
EM SW 19 mm	956878
EM SW 22 mm	206850

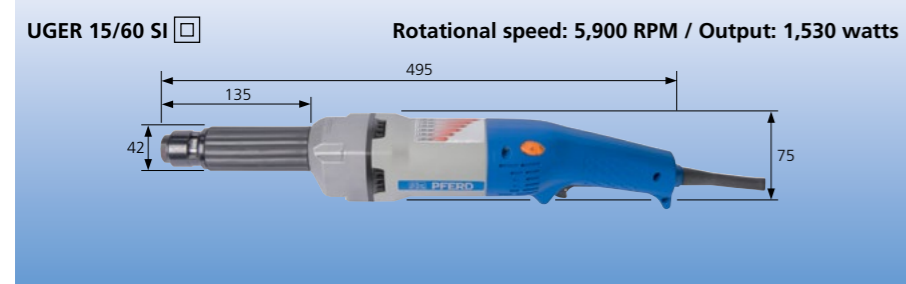
Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 208
<b>TC burrs</b> Cut 3, 3 PLUS, 4, 5, NON-FERROUS, TOUGH, TOUGH-S, EDGE Dia. 16 to 25 mm <b>HSS rotary cutters</b> Cut 1, 2, 3, 5, special cuts Dia. 7 to 10 mm	<b>Mounted points</b> Dia. 16 mm Dia. up to 50 mm Width ≤ 70 mm <b>Catalogue 204*</b> <b>Abrasive spiral bands and rubber drum holders</b> Dia. 100 mm <b>Poliflex® fine grinding points</b> Bond: PUR Dia. 15 to 50 mm <b>Poliflex® mounted texturing points PU-STRUC</b> Dia. 32 mm <b>POLIROLL® grinding rolls</b> Dia. 18 mm <b>Unmounted flap wheels</b> Dia. up to 100 mm <b>POLISTAR</b> Dia. 30 to 50 mm	<b>POLINOX® mounted grinding wheels</b> Dia. up to 80 mm <b>POLINOX® unitized wheels PNER</b> Dia. up to 75 mm <b>Overlap slotted discs</b> Dia. 30 to 50 mm <b>POLINOX® cross buffs</b> Dia. up to 38 mm <b>POLICLEAN® mounted tools</b> Dia. up to 75 mm <b>POLICLEAN® wheels</b> Dia. up to 100 mm <b>Felt points</b> <b>Mounted felt flap wheels</b> Dia. 30 to 50 mm <b>Felt wheels</b> Dia. up to 60 mm <b>Mounted flap wheels</b> Dia. up to 80 mm	<b>Diamond grinding points</b> Dia. 20.0 mm <b>Diamond cut-off wheels</b> Dia. 30 to 50 mm matching arbors <b>BO 6/10 3</b> <b>BO 8/10 3</b>	<b>End brushes</b> crimped PBUR dia. 12 to 25 mm knotted PBGS dia. 10 to 12 mm <b>Shank mounted bevel brushes</b> KBU dia. 50 to 100 mm <b>Shank mounted cup brushes</b> TBU dia. 50 mm especially with INOX, brass and SiC filaments <b>Shank mounted wheel brushes</b> crimped RBU dia. 50 to 100 mm matching arbor <b>BO 8/12-22.2 5-18</b>

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.  
**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202-208.





Rotational speed: 5,900 RPM / Output: 1,530 watts

**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure

Accessories included:  
 3 m power cable, 12 mm collet, 2 keys

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 15/60 SI 230 V	777251	2,800-5,900	230	1,530	1,050	12	3.050

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	12 mm	1/4 inch
EAN 4007220					
12	195994	196014	196038	196045	196052

For dimensions see pages 106-107.

Keys

Description	EAN 4007220
EM SW 22 mm	206850

**Flap wheel set**  
FR 15030 UGER 15/60 230 V

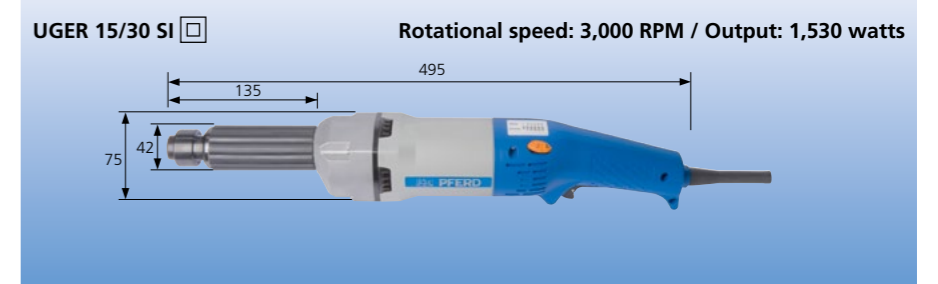
For further information and ordering data on flap wheel set, please refer to Catalogue 204.

Suitable PFERD tools

Catalogue 202	Catalogue 203*	Catalogue 204*	Catalogue 205	Catalogue 208
HSS rotary cutters Cut ALU, 1, 2, 3 Dia. 10 to 16 mm	Mounted points Hardness D Dia. 16 mm  Dia. up to 40 mm Width ≤ 32 mm	Abrasive spiral bands and rubber drum holders Dia. 75 to 100 mm  Mounted flap wheels Dia. 60 to 80 mm  Unmounted flap wheels Dia. 100 mm  Dia. 150 mm Width 30 mm  Poliflex® mounted texturing points PU-STRUC Dia. 20 to 100 mm	POLINOX® mounted grinding wheels Dia. 50 to 100 mm  POLINOX® unitized wheels PNER Dia. 75 to 100 mm  POLICLEAN® mounted tools Dia. up to 100 mm  POLICLEAN® wheels Dia. up to 100 mm	Diamond cut-off wheels Dia. 30 to 50 mm  matching arbors BO 6/10 3 BO 8/10 3  Shank mounted wheel brushes crimped RBU dia. 80 to 100 mm  Wheel brushes crimped RBU narrow face type Dia. 100 to 150 mm  RBU universal type Dia. 100 to 150 mm  matching arbors BO 8/12-22.2 5-18 BO 8/22.2 5-10 BO 12/22.2 10-30

If no shank diameter is given, the shank dia. of 6 mm applies.

\*Catalogues 203/204: This data applies to an unsupported shank length of 10 mm and the stated max. mounted point dimensions.  
**Note:** Please observe the recommended cutting speeds and the max. permitted rotational speeds in Catalogues 202-208.



Rotational speed: 3,000 RPM / Output: 1,530 watts

**Special features**  
 Stepless rotational speed adjustment  
 Digital electronics for constant rotational speed  
 Overload protection  
 Smooth start-up for protection of people, tools and drive  
 Restart protection in case of power failure

Accessories included:  
 3 m power cable, 12 mm collet, 2 keys

Description	EAN 4007220	Rotational speed [RPM]	Voltage [volts] 50-60 Hz	Power consumption [watts]	Power output [watts]	Collet group	Net weight [kg]
UGER 15/30 SI 230 V	775912	750-3,000	230	1,530	1,050	12	3.050

Collets

Group	For shank dia.				
	6 mm	8 mm	10 mm	12 mm	1/4 inch
EAN 4007220					
12	195994	196014	196038	196045	196052

For dimensions see pages 106-107.

Keys

Description	EAN 4007220
EM SW 22 mm	206850

**POLIFLAP® set**  
PFL 17060 UGER 15/30 230 V

For further information and ordering data on POLIFLAP® set, please refer to Catalogue 204.

Suitable PFERD tools

Catalogue 202	Catalogue 204	Catalogue 204*	Catalogue 205	Catalogue 208
HSS rotary cutters Cut 1, 2, 3 Dia. 16 mm	Unmounted flap wheels Dia. 150 to 165 mm  POLINOX® mounted grinding wheels Dia. 100 mm  POLINOX® unmounted grinding wheels Dia. 150 mm  POLICLEAN® wheels Dia. 100 to 150 mm	POLIFLAP® grinding wheel Dia. 170 mm  Cloth rings Dia. 200 mm  Mounted felt flap wheels Dia. 50 to 80 mm	Diamond cut-off wheels Dia. 50 mm  matching arbors BO 6/10 3 BO 8/10 3	Cup brushes crimped TBU dia. 60 mm  Wheel brushes crimped RBU dia. 100 mm  RBU dia. 150 mm arbor hole dia. 22.2 mm  RBU dia. 150 mm arbor hole dia. 12 mm  matching arbor BO 8/12-22.2 5-18

If no shank diameter is given, the shank dia. of 6 mm applies.

