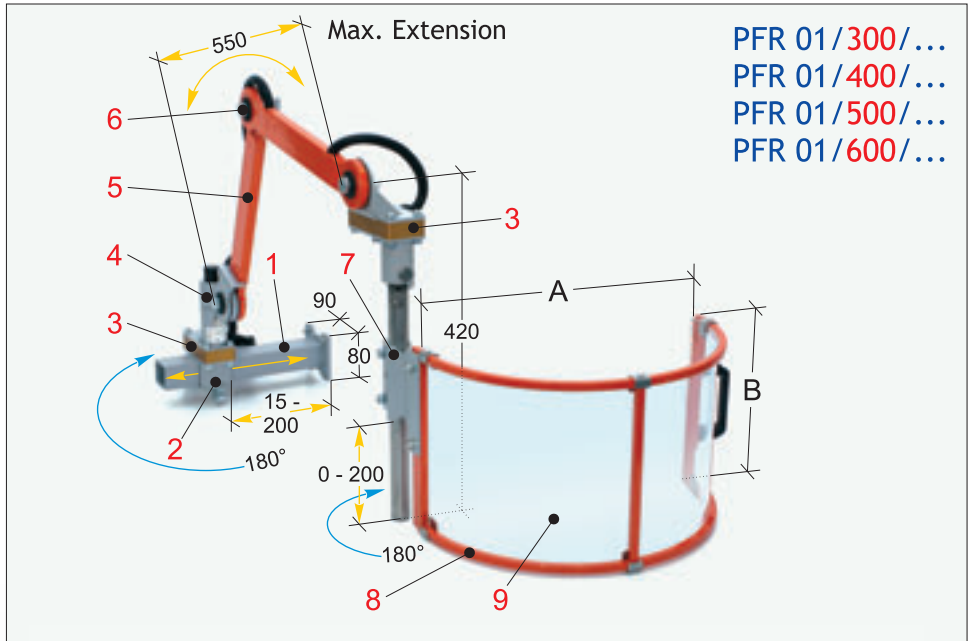


Adjustable safety guard for universal Mills

Classic universal safety guard with articulated arms - The rubbing articulations make it particularly versatile and able for immediate placement - Available in various dimensions



PFR 01/300/...
PFR 01/400/...
PFR 01/500/...
PFR 01/600/...

Protects the operator from direct contact with rotating parts of the vertical spindle and from the projection of shavings and lubricant-coolant.

Attachable on the base flank, equipped with semi-circular shield with double opening system: 1= shield openable horizontally on its axis - 2= "swinging" total of the safety guard, outside the field of work - Complete with double safety microswitch.

- **Note:** Specify the mounting side by adding the suffix: /DX = Right - /SX = Left

- **Available accessories:** PMG 60/185 - PBA 01/190 - PBA 01/325 - PBA 02/325

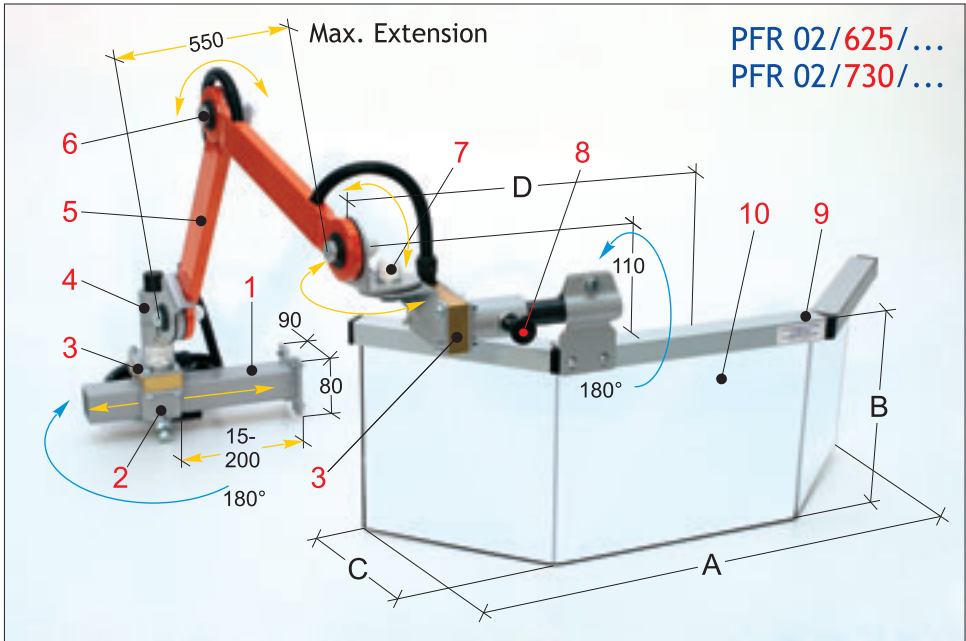
- 1 Levelling anchorage stirrup - in tubular steel
- 2 Depth-adjustable safety guard support
- 3 Safety microswitch main box - 180° rotation - n.2 NC contacts
- 4 Horizontal adjustment clamp
- 5 Articulated arms in tubular steel
- 6 Rubbing articulation with friction disc
- 7 Shield-arm connection clamp - in pressed steel
- 8 Shield structure - in tubular steel
- 9 Thermo-formed shield - in plastic shockproof and oil-resistant material

Code	A	B
PFR 01/300	300	200
PFR 01/400	400	235
PFR 01/500	500	235
PFR 01/600	600	235



Multi-adjustable safety guard for universal Mills

Thanks to the proven system of rubbing articulated arms, it is the only one to be truly, versatile and manageable - Suitable for frequent changes of operation



PFR 02/625/...
PFR 02/730/...

Protects the operator from direct contact with rotating parts of the vertical spindle and from the projection of shavings and lubricant-coolant.

Attachable on the base flank, equipped with wide "visibility" shield and double opening system: 1= Shield openable vertically with position-locking knob. 2= "swinging" total of safety guard, outside field of work.

Complete with double safety microswitch.

- **Note:** Specify the mounting side by adding the suffix: /DX = Right - /SX = Left

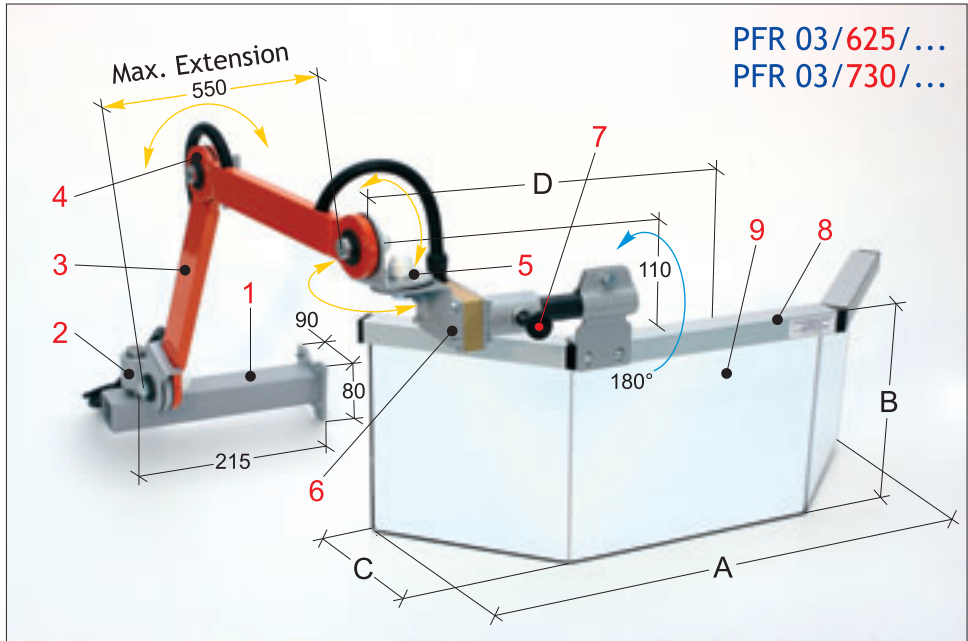
- **Available accessories:** PMG 60/185 - PBA 01/190 - PBA 01/325 - PBA 02/325

- | | |
|----|---|
| 1 | Levelling anchorage stirrup - in tubular steel |
| 2 | Depth-adjustable safety guard support |
| 3 | Safety microswitch main boxes - 180° rotation - n.2 NC contacts |
| 4 | Horizontal adjustment clamp |
| 5 | Articulated arms in tubular steel |
| 6 | Rubbing articulation with friction disc |
| 7 | Angular junction for the vertical turnover of the shield |
| 8 | Shield opening unlocking knob |
| 9 | Shield structure in aluminium profile |
| 10 | Shield in plastic shockproof and oil-resistant material |

Code	PFR 02/625	PFR 02/730
A	620	725
B	250	300
C	170	200
D	405	430

Adjustable safety guard for universal Mills

Universal safety guard with rubbing articulated arms - Practical and manageable
Suitable for frequent changes of operation



Protects the operator from direct contact with rotating parts of the vertical spindle and from the projection of shavings and lubricant-coolant.

Attachable on the base flank, equipped with wide "visibility" shield with vertical opening system and position-unlocking knob.

Complete with safety microswitch.

- **Note:** Specify the mounting side by adding the suffix: /DX = Right - /SX = Left

- **Available accessories:** PMG 60/185 - PBA 01/190 - PBA 01/325 - PBA 02/325

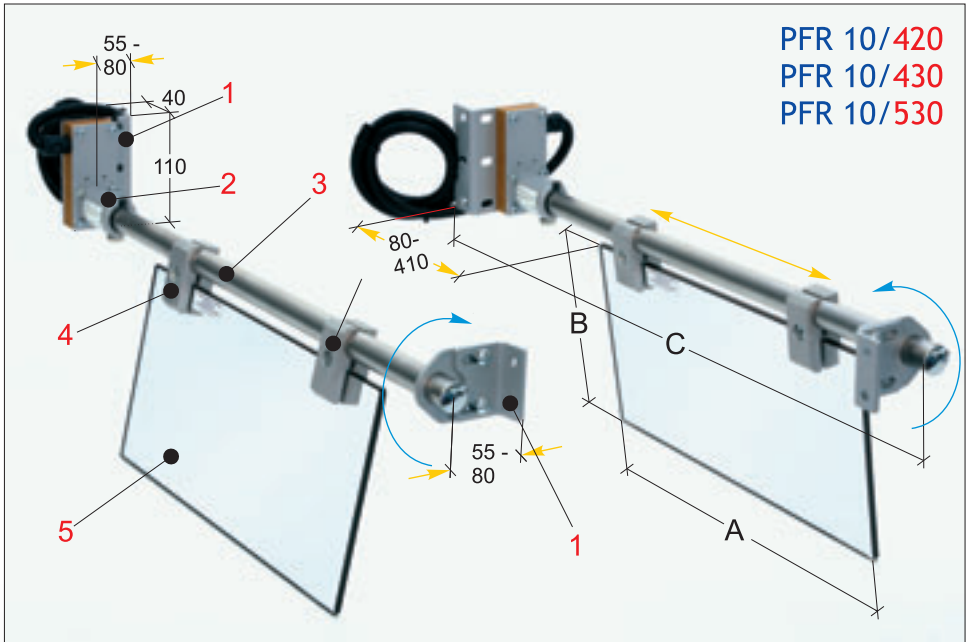
- | |
|---|
| <ol style="list-style-type: none"> 1 Levelling anchorage stirrup - in tubular steel 2 Horizontal adjustment clamp 3 Articulated arms in tubular steel 4 Rubbing articulation with friction disc 5 Angular junction for the vertical turnover of the shield 6 Safety microswitch main box - 180° rotation - n.2 NC contacts 7 Shield opening unlocking knob 8 Shield structure in aluminium profile 9 Shield in plastic shockproof and oil-resistant material |
|---|

Code	PFR 03/625	PFR 03/730
A	620	725
B	250	300
C	170	200
D	405	430



Safety guard for horizontal slide Mills

Item composed of two mirrored elements, to be installed on the sides of the horizontal slide - Equipped with easy adjustments for a frequent change of operation



Protects the operator from direct contact with the horizontal shaft-spindle and its parts placed in rotation and accessible from the two sides of the machine (the frontal “segregation” of the dangerous parts is excluded), in addition to the projection of shavings and lubricant-coolant. Horizontally attachable to the two sides of the slide - Equipped with axially and radially adjustable shields, shapeable if needed for possible interference with the equipment in use. Equipped with double safety microswitch.

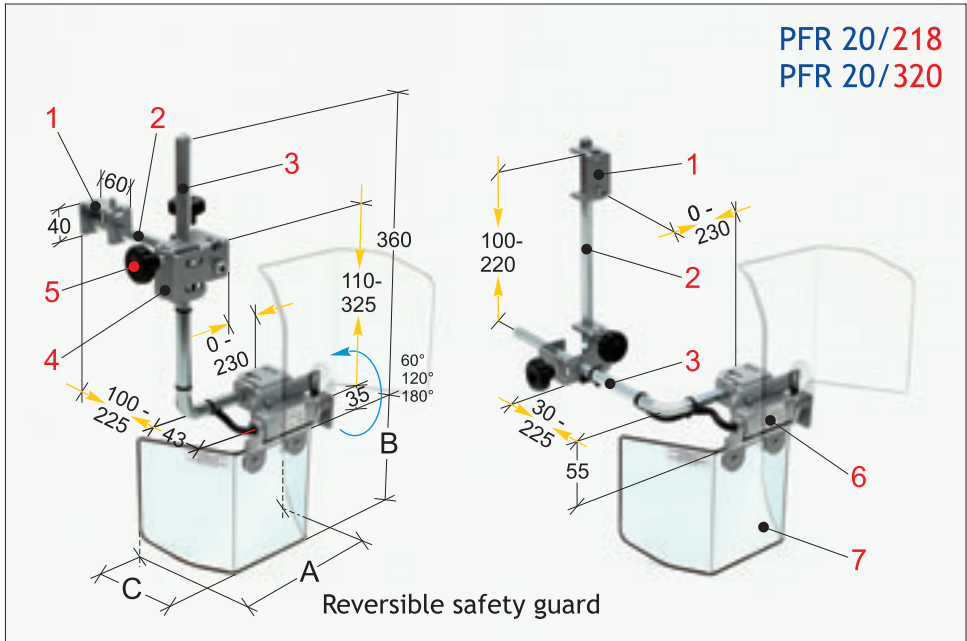
- 1 Adjustable angular stirrups, for microswitch box anchorage and support of the horizontal arm - in pressed steel
- 2 Safety microswitch main box - 180° rotation - n.2 NC contacts
- 3 Horizontal shield support arm - in tubular stainless steel
- 4 Fixing clamps for the axial and radial adjustment of the shield - in aluminium
- 5 Shield in plastic shockproof and oil-resistant material

Code	A	B	C
PFR 10/420	400	200	830
PFR 10/430	400	300	830
PFR 10/530	500	300	930

Safety guards for small Mills and similar machines

Exclusive item supported by adjustable hexagonal arms - Equipped with vertical opening shield, with microswitch integrated in the rotation hinge

PFR 20/218
PFR 20/320



Protects the operator from direct contact with rotating parts of the vertical spindle and from the projection of shavings and lubricant-coolant.

Shield equipped with innovative vertical “spring” opening system in the 60° - 120° - 180° positions - Supported by widely-adjustable hexagonal arms, reversible between themselves to make available various fixing configurations.

The safety microswitch is integrated in the special hinge that supports the shield.

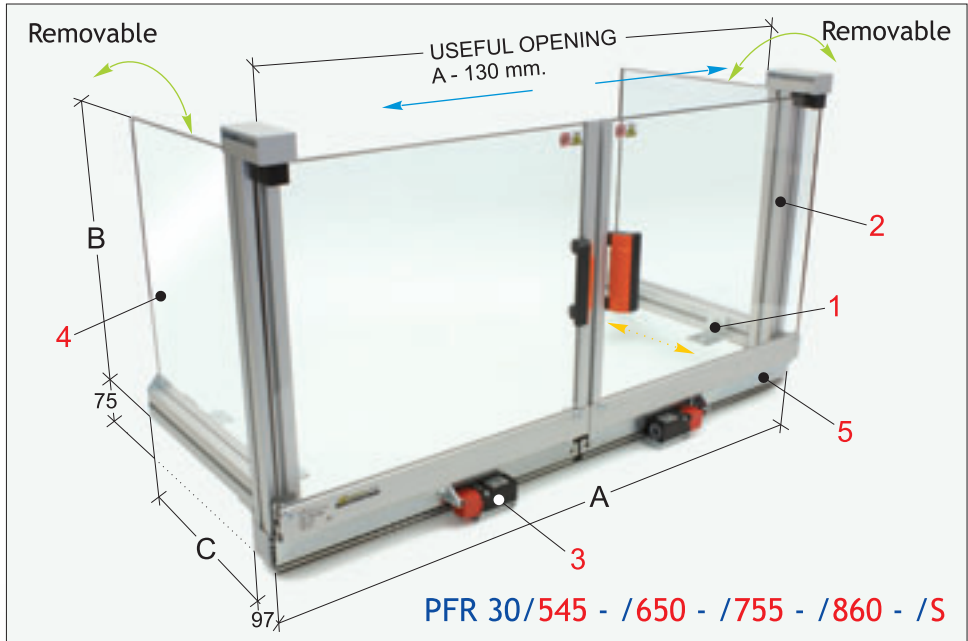
- 1 Anchorage stirrup - in pressed steel
- 2 Straight support arm - in hexagonal steel
- 3 Angular support arm - in hexagonal steel
- 4 “Cross” clamp for arm adjustment - in pressed steel
- 5 “Cross” clamp adjustment knobs
- 6 Shield support hinge with integrated microswitch - n.2 NC contacts
- 7 Semi-hexagonal shield - in plastic shockproof and oil-resistant material



Code	A	B	C
PFR 20/218	250	180	110
PFR 20/320	300	200	125

Perimeter safety guard to install on the Table

Equipped with two total opening sliding doors and removable lateral panels
Also customized on request



Protects the operator from direct contact with rotating parts of the spindle and from the projection of shavings and lubricant-coolant.

Attachable on the perimeter of the machine table - Equipped with two "total opening" sliding doors on ball guides, made in thick plastic material, "shapeable" for potential vice passage.

The lateral panels are removable for an easier operation of long pieces.

Complete with double safety microswitch.

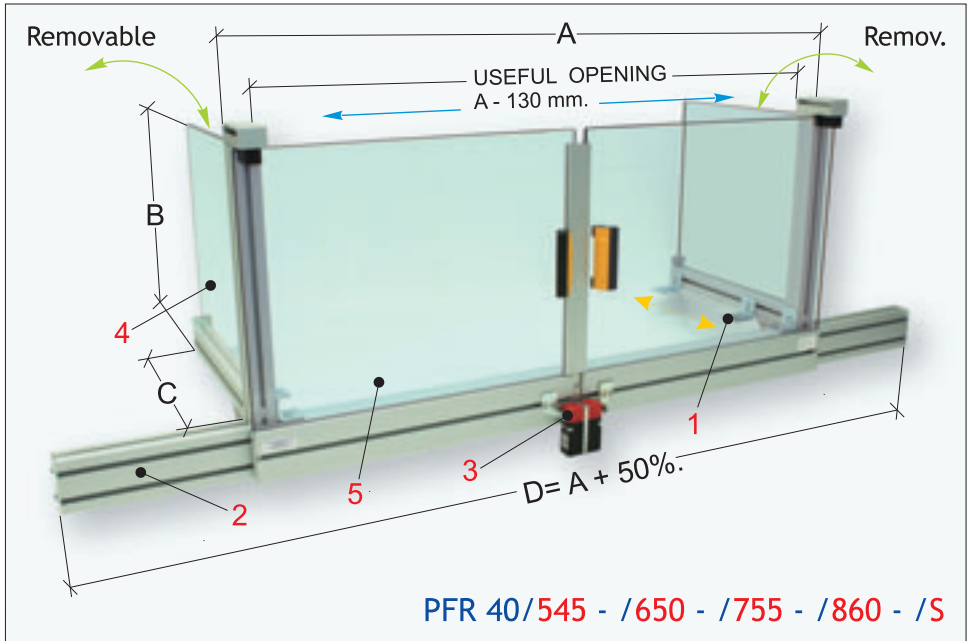
- 1** Angular anchorage stirrups - in pressed steel
- 2** Perimeter structure - in aluminium profile
- 3** Safety microswitches with separated actuator - n.2 NC contacts
- 4** Removable lateral panels - in plastic shockproof and oil-resistant material
- 5** Sliding ball guides, with an excursion equal to their length

Code	PFR 30/545	PFR 30/650	PFR 30/755	PFR 30/860	PFR 30/S
A	1000	1200	1400	1600
B	450	500	550	600
C	350	400	450	500



Perimeter safety guard to install on the Table

Equipped with two total opening sliding doors and removable lateral panels
Also customized on request



Protects the operator from direct contact with rotating parts of the spindle and from the projection of shavings and lubricant-coolant.

Equipped with two "total" opening doors, sliding on Polyethylene "skates", made in thick plastic material, "shapeable" for potential vice passage.

Complete with double safety microswitch.

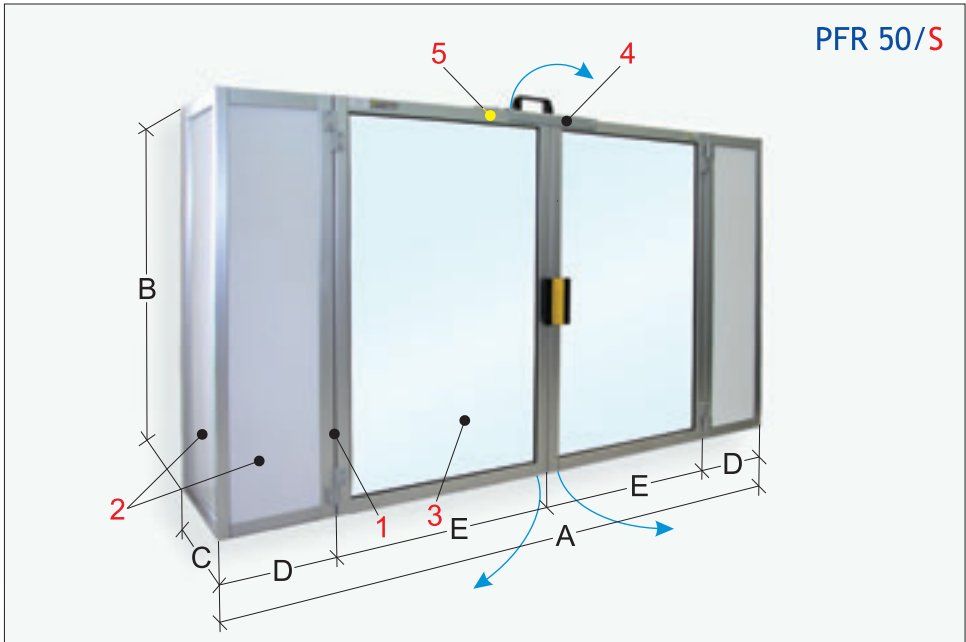
- 1 Angular anchorage stirrups - in pressed steel
- 2 Perimeter structure in aluminium profile
- 3 Safety microswitches with separated actuator - n.2 NC contacts
- 4 Removable lateral panels - in plastic shockproof and oil-resistant material
- 5 Front panels in plastic shockproof and oil-resistant material

Code	PFR 40/545	PFR 40/650	PFR 40/755	PFR 40/860	PFR 40/S
A	1000	1200	1400	1600
B	450	500	550	600
C	350	400	450	500
D	1500	1800	2100	2400



Perimeter safety guard to install on the Table

Made from two central doors with “knocker” opening and fixed lateral “L”- shaped structures - Made only on request



Protects the operator from contact with rotating spindle parts and from the projection of shavings and lubricant-coolant. Made according to the measurements of the machine table, to which it becomes anchored with the appropriate stirrups - Made from an external structure in aluminium outline, two central doors, with “knocker” opening and “compass” locking system, they are dressed in plastic transparent shockproof and oil-resistant material, while the lateral fixed structures are dressed in “blind” stratified plastic laminate. Complete with safety microswitch.

- 1 Perimeter structure in aluminium profile
- 2 Lateral panels - in stratified shockproof and oil-resistant plastic laminate
- 3 Knocker doors - in plastic transparent shockproof and oil-resistant material
- 4 Safety closure with “compass” system
- 5 Safety microswitch with separated actuator - n.2 NC contacts



Code	A	B	C	D	E
PFR 50/....