

# Model PVX

Power and accuracy!

Product **PLUS**



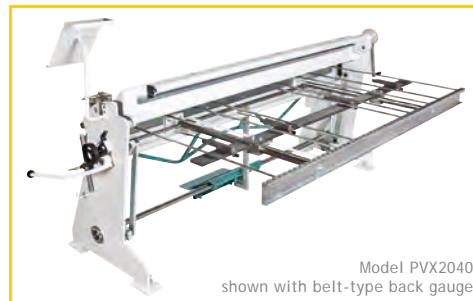
Same as the PZX machines, the manual folding machine PVX is part of the models designed with an ergonomic folding beam, suitable for daily work in workshops. The central release of its folding beam enables the operator to be in optimal position to reduce efforts during the repetitive folding operations. The careful and strong engineering of the PVX provides a very high rigidity for a great folding quality but also a high level of accuracy even with high thickness.

Its numerous adjustments possibilities and its additional equipment will always provide more productivity and flexibility of use.

Manual workshop folding machines in 2 m and 3 m  
Available in semi-electric and segmented clamp versions



Model PVX3080 shown with options cutting system and beading accessory



Model PVX2040 shown with belt-type back gauge



Model PVX2040 shown with sliding back gauge

## Application areas

- Roofing
- Façade / Cladding
- Metal carpentry
- Metalwork and ironwork
- Maintenance workshops

## Advantages

- Great flexibility of the machine
- Powerful folding and comfortable use
- Excellent rigidity for high-quality bending
- Perfect for manufacturing at will or small series
- Optimized for the most common materials
- Numerous adjustment possibilities

## Equipments

- Narrow tool for close reverse-folds
- Angle gauge for series folding
- Assistance for bending by cylinder
- Large clamping/loosening foot pedal
- Cutting system and beading accessory
- Sliding or belt-type back gauge

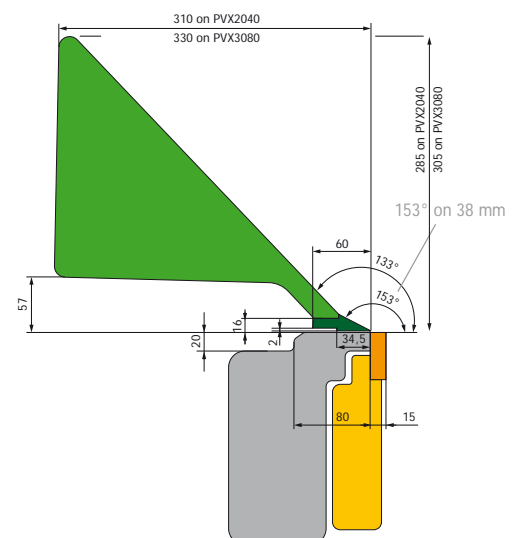


## Features PVX

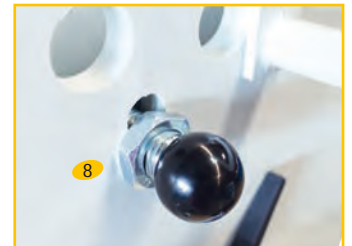
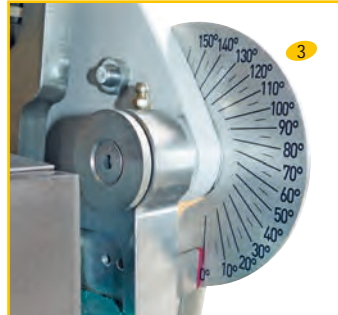
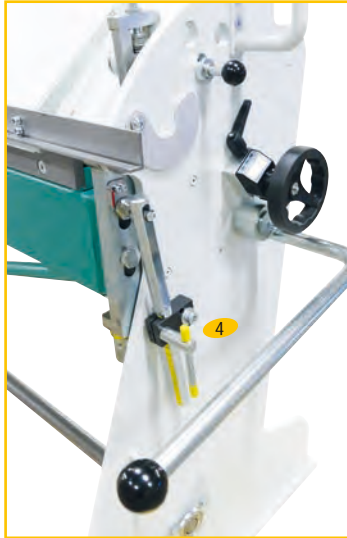
	PVX2040	PVX3080
Useful folding length (mm)	2 040	3 080
Capacity zinc / S235JR steel (mm)*	1,5 / 1,2	1,2 / 1,0
Angle de la règle de pince	153°	153°
Clamping beam tool's angle	110	110
Dimensions (mm)	2 738 x 795 x 1 205	3 775 x 795 x 1 215
Table height (mm)	910	910
Gross weight (kg)	620	850

Minimum fold width = 10-15 times the thickness acc. to metal

\* Capacity with standard tool of 15 mm

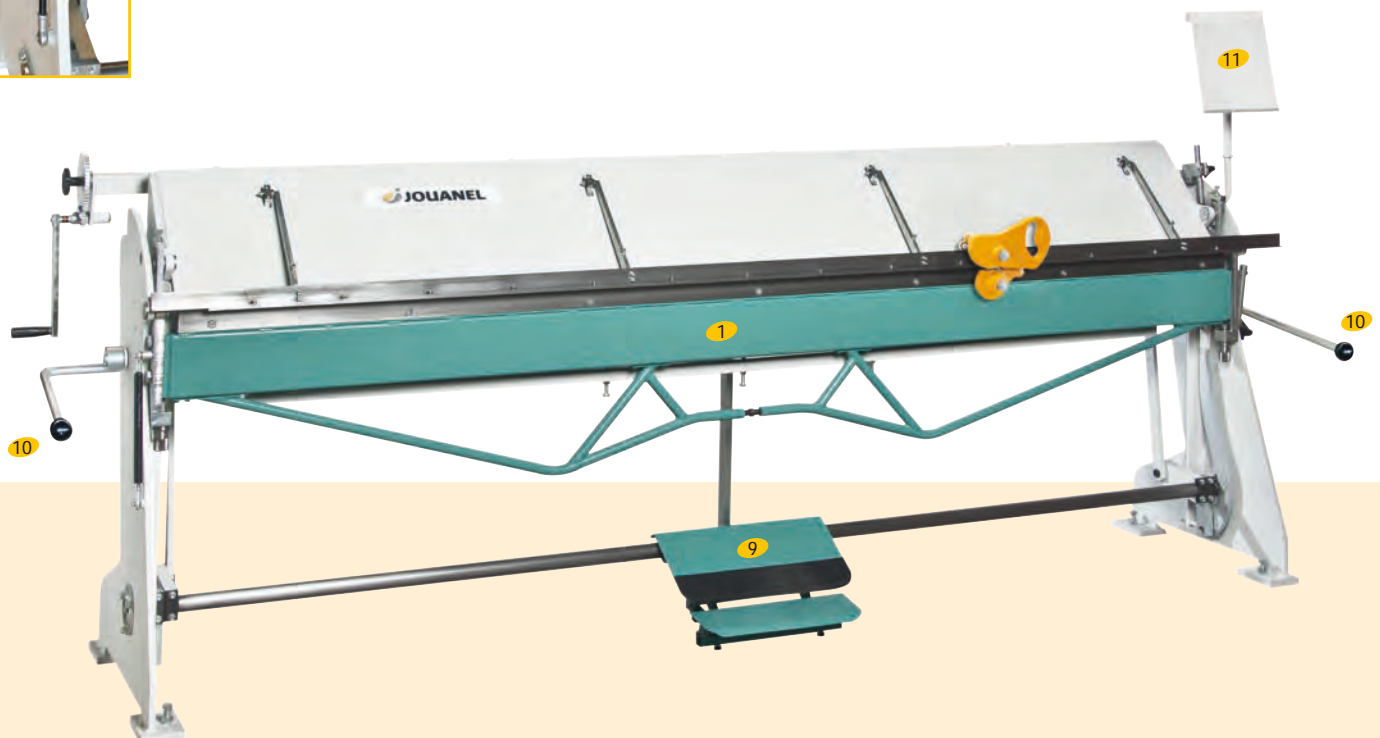


## Standard equipment - Model PVX



## A particularly well-equipped folding machine!

- Ergonomic folding beam with 15-mm narrow tool to make close reverse-folds (1)
- Interchangeable clamping beam tool 153° with carbide tip
- Assistance for bending by cylinder (2)
- Rotation of folding beam on needle bearing
- Graduated angle scale (3)
- Graduated angle gauge enabling an accurate stop of the folding beam to make series folding (4)
- Vertical adjustment of the folding beam enabling to change the folding radius and make easy the upper bend on beads - with graduated rolls (5)
- Crowning devices of the folding beam (6) and the table (7)
- Quick adjustment of clamping beam opening height (8)
- Clamping beam working by double clamping / loosening foot pedal for one-man operation from the middle of the machine (9)
- Clamping beam operating lever on both sides of the machine to let 2 operators work together for large sizes (10)
- Console and tool support (left-hand or right-hand assembly) (11)



**i** Optional equipment - Model PVX - Further productivity gains!

### Additional folding beam tools

- **12-mm narrow folding beam tool**  
For folding machine PVX2040 - Réf. PVX-REG12-2040  
For folding machine PVX3080 - Réf. PVX-REG12-3080  
Use of tool 12 mm: capacity - 30 %
- **20-mm wide folding beam tool**  
For folding machine PVX2040 - Réf. PVX-REG20-2040  
For folding machine PVX3080 - Réf. PVX-REG20-3080  
Use of tool 20 mm: capacity + 20 %

### Cutting accessories

- **Guide rail**  
Ref. RVX2040MA for folding machine model PVX2040  
Ref. RVX3080MA for folding machine model PVX3080



- **Roller shear** - Ref. CCMA :  
Aluminium body, easy to handle and sturdy  
Tempered steel rollers for a better lifetime  
Guided on a rail guaranteeing cutting accuracy  
Capacity zinc 0,8 mm - steel 0,7 mm - aluminium 0,8 mm  
(the CCMA is to be used on a guide rail)



### Sliding back gauge Type X

Device with free positioning to support the sheet at the back  
The gauge arms slide on the fixing rail

#### 2 Adjustable gauge arms

Stroke from 60 to 750 mm:

For folding machine PVX2040 : Ref. PVXB2040

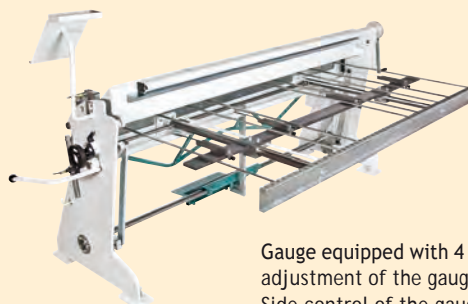
For folding machine PVX3080 : Ref. PVXB3080

#### Extra adjustable gauge arm

Stroke from 60 to 750 mm - Ref. PVXBS-C750



### Belt-type back gauge, with side control by wheel



Gauge equipped with 4 repositionable fingers over the length,  
adjustment of the gauge by digital counter with large screen.  
Side control of the gauge motion by wheel.  
Stroke from 5 to 750 mm - Ref. PVXBC2040 and PVXBC3080

### Back table (for 2-m long folding machine- PVX2040 only)

**Back table**  
2 000 mm long x 1 280 mm wide  
equipped with a tool over the whole length.  
Integrated and orientable sliding back gauge  
enabling a straight or conical positioning of  
the sheet.

For 2-m long folding machine:  
gauge stroke from 60 to 1 000 mm  
Ref. ETBX2040V



### Multiplied beading accessory Ø 14, 16 and 18 mm, type ABV



For 2-m long folding machine - PVX2040 : Ref. ABV14-16-2040 / ABV18-2040  
For 3-m long folding machine - PVX3080 : Ref. ABV16-3080 / ABV18-3080  
(Ø to be specified with the order)



Capacity zinc (mm)	PVX 2040	PVX 3080
Stick Ø 14 (to make a 16 mm Ø bead)	0,65	-
Stick Ø 16 (to make an 18 mm Ø bead)	0,80	0,55
Stick Ø 18 (to make a 20 mm Ø bead)	0,80	0,70

