

PVXPN model

Less effort for the operator when folding!

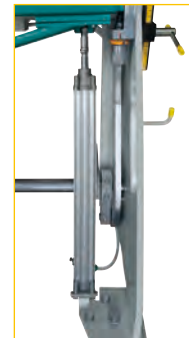
Product **PLUS**

This model has all the advantages of the manual folding machines of the PVX range (robustness, rigidity of the machine, folding capacity, equipment, etc.) and a pneumatic assistance system on the apron. This additional equipment allows a significant reduction in the effort required by the operator during bending and is particularly efficient for the processing of long and thick metal sheets. It offers an excellent alternative between a standard manual and an electric folding machine.



Model PVX3080PN shown with optional cutting system (knife and guide rail)

Models available in 2M and 3M useful folding length



Application areas

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

Advantages

- Pneumatically assisted folding beam tool for less effort when folding
- High comfort in use for the operator
- Excellent rigidity for high-quality bending
- Perfect for manufacturing at will or small series

Equipments

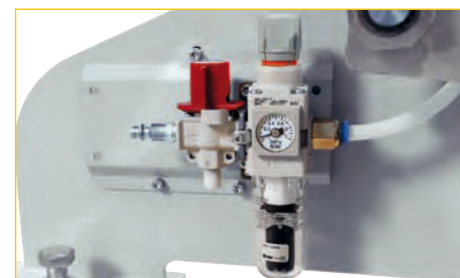
- Folding assistance by pneumatic cylinders
- 15-mm narrow tool to make close reverse-folds
- Graduated angle scale
- Graduated angle gauge to make series folding
- Large clamping/loosening foot pedal
- Clamping beam operating lever on both sides of the machine



Features PVXPN

	PVX2040PN	PVX3080PN
Useful folding length (mm)	2 040	3 080
Capacity Zinc (mm)*	1,5	1,2
Capacity Steel S235JR (mm)*	1,2	1,0
Capacity Stainless Steel (mm)*	0,7	0,5
Capacity Aluminium 1050-H44 (mm)*	1,2	1,0
Maximum folding angle	153°	153°
Clamp opening (mm)	110	110
Dimensions (mm)	2738 x 795 x 1205	3775 x 795 x 1215
Gross weight (mm)	990	990
Poids brut (kg)	720	950

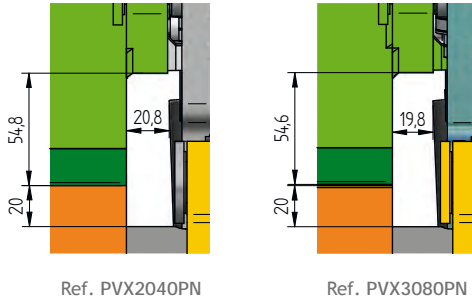
Note: pneumatic assistance requires a compressed air connection, minimum flow 200 liters/minute, minimum 8 bar (compressor not supplied)



* Capacities indicated with standard 15-mm folding beam / - 30 % with 12-mm folding beam (option) / + 20 % with 20-mm folding beam (option)
Minimum fold width = 15 times the thickness



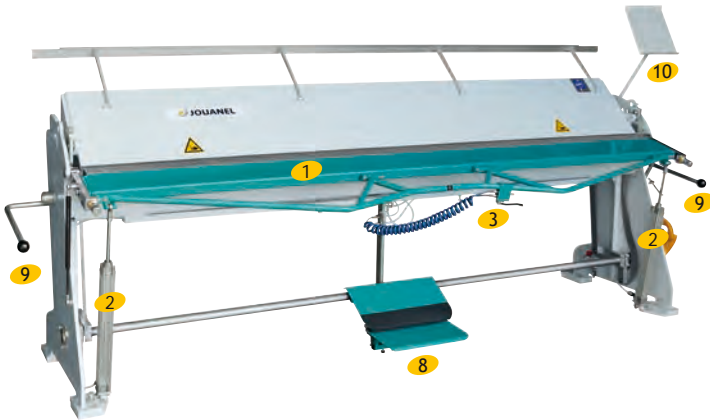
Drawing of free space on both sides



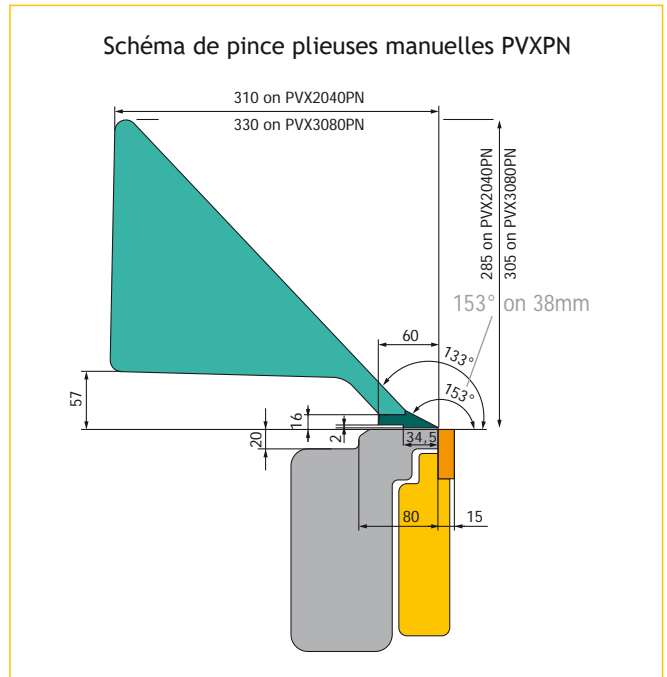
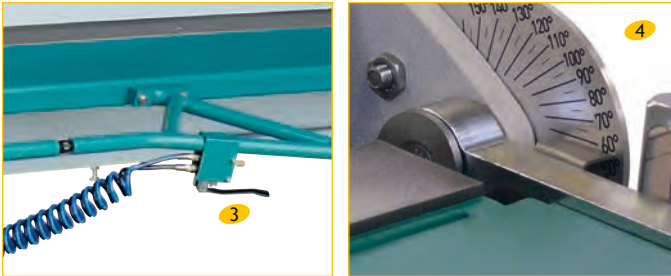
Ref. PVX2040PN

Ref. PVX3080PN

Standard equipment - Model PVXPN



Model PVX3080PN shown with optional cutting system (knife and guide rail)
(Additional equipment : see next page)



A particularly well-equipped folding machine!

- Ergonomic folding beam with 15-mm narrow tool to make close reverse-folds (1)
- Interchangeable clamping beam tool 27°
- Pneumatic bending assistance by cylinders (2) with handle control (3)
- Rotation of folding beam on needle bearing
- Graduated angle scale (4)
- Graduated angle gauge enabling an accurate stop of the folding beam to make series folding (5)
- Vertical adjustment of the folding beam enabling to change the folding radius and make easy the upper bend on beads - with graduated rolls (6)
- Crowning devices of the folding beam and the table
- Quick adjustment of clamping beam opening height (7)
- Clamping beam working by double clamping / loosening foot pedal for one-man operation from the middle of the machine (8)
- Clamping beam operating lever on both sides of the machine to let 2 operators work together for large sizes (9)
- Console and tool support (left-hand or right-hand assembly) (10)





Optional equipment - Model PVX - Further productivity gains!

Additional folding beam tools

- **12-mm narrow folding beam tool**
For folding machine PVX2040PN - Ref. PVX-REG12-2040
For folding machine PVX3080PN - Ref. PVX-REG12-3080
Use of tool 12 mm: capacity - 30 %
- **20-mm wide folding beam tool**
For folding machine PVX2040PN - Ref. PVX-REG20-2040
For folding machine PVX3080PN - Ref. PVX-REG20-3080
Use of tool 20 mm: capacity + 20 %

Cutting accessories

- **Guide rail**
Ref. RVX2040MA for folding machine model PVX2040PN
Ref. RVX3080MA for folding machine model PVX3080PN



- **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 0,8mm - steel 0,7mm - aluminium 0,8mm
(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 750mm:

For folding machine PVX2040PN : Ref. PVXB2040

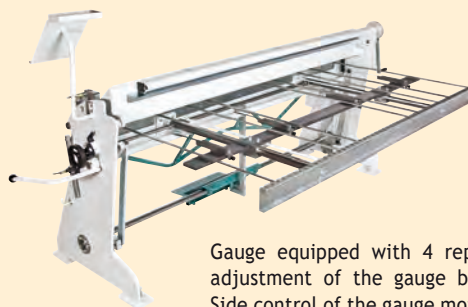
For folding machine PVX3080PN : Ref. PVXB3080

Extra adjustable gauge arm

Stroke from 60 to 750mm - 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 750mm
Ref. PVXBC2040 and PVXBC3080

Back table (for 2-m long folding machine PVX2040PN only)

Back table
2000mm long x 1280mm 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 1000mm
Ref. ETBX2040V



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



For 2-m long folding machine - PVX2040PN : Ref. ABV14-16-2040 / ABV18-2040
For 3-m long folding machine - PVX3080PN : Ref. ABV16-3080 / ABV18-3080
(Ø to be specified with the order)



Capacity zinc (mm)	PVX2040PN	PVX3080PN
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

