AKYAPAK manufactures 3 roller Hydraulic Plate Bending Machine with the capacity of bending from 2mm to 100mm in thickness and from 1000mm to 6000mm in width/length. Some of the features of AKYAPAK’s 3 roller Hydraulic Plate Bending Machines are:

* Top Roll and Pinch Roll Hydraulically driven
* Up & Down movements of the side rolls are hydraulically powered
* Drop-End controlling system to open and close from control panel
* Top roll tilts up
* Rolls are driven by 3 seperated hydraulic motors and gearbox (upto Dia. 230mm)

The frames of the machines are of fabricated, welded steel (ST-52) construction. The roll shafts and the materials and bearings used in production are of good (European) quality. Also the torque limit of the machines is very high.

AKYAPAK machines are designed using 3D CAD programmes and all calculations are carefully checked in the analyzing programme by experienced, specialist engineers before production is started. Machines are suitable for ‘CE’ and all necessary electrical and hydraulic safety precautions are taken by Akypak.

Spherical bearings are used for the rolls to minimize frictional resistance, which improves the capacity of the machines.

STANDARD EQUIPMENTS:
* Cone Bending Device.
* Induction Hardened Rolls.
* Digital display for both side rollers.
* Machine body is steel (St-52) construction.
* Separate control panel.
* All Rollers mounted in bearings.
* Drop end controlled from control panel in order to release easily bent metal sheet and lifted upper rolls. (except machines with top roll diameter 160-190-210)
* Movement and parallelism adjustment of the rollers controlled from control panel.
* Rolls are driven by three separate hydraulic motor and / or gearbox. (except machines with top roll diameter 160-190-210, bottom rolls are driven by separate hydraulic motors)
* Electrical and hydraulic protection against overloads.
* Suitable for "CE"

OPTIONAL & SPECIAL EQUIPMENTS:
* Infinitively variable speed of Rotation
* Side and Central Supporters for big sheet metal diatemeters.
* Extended Rolls / Profile Rolls
* Material Feed Table
* Heat Exchange & Cooling systems

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*Data based upon steel 240 N/mm² yield point.
For corrugating, all bending values must be reduced 50%.
All specifications are subject to change without notice.

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