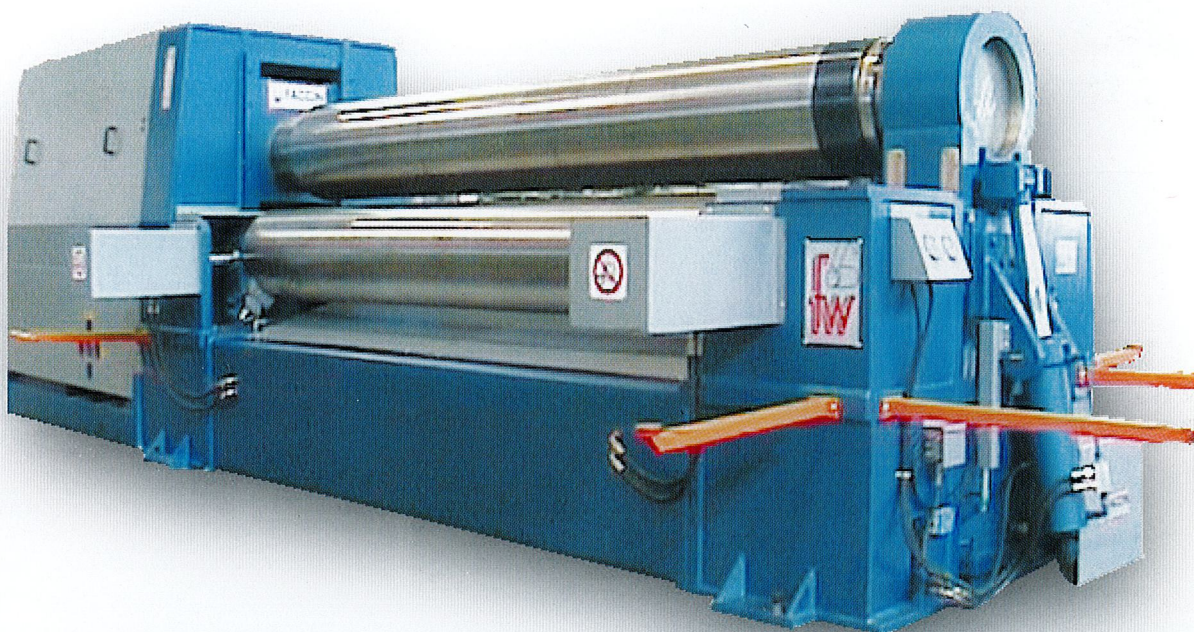
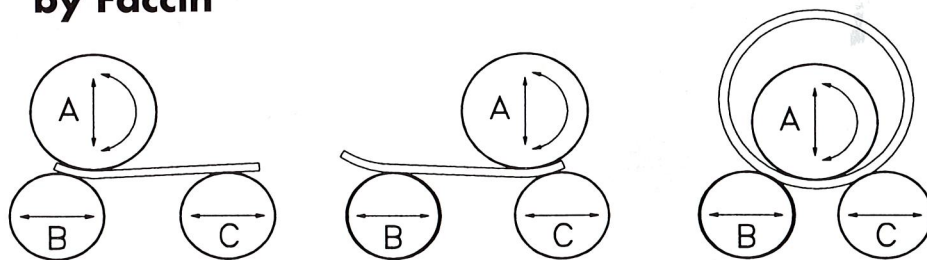


HAV

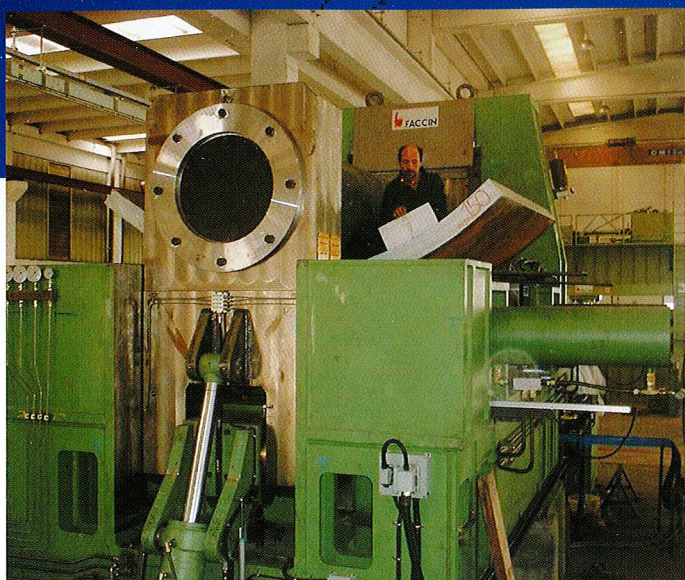
by Faccin

Variable Geometry Plate Rolls



HAV DESIGN: THE IDEAL 3 ROLLS PLATE ROLLS!

- An unbeatable mix of **rolling power and prebending precision** is guaranteed, by the HAV series of plate rolls.
- **All three rolls move.** The top roll move vertically, while the two lower rolls can move horizontally, each one independent from the other. This special design makes it possible to adjust the distance between the bending points according to the production needs, exactly like it happens in a press brake with auto-variable V dies.
- **Optimal plate drive** is guaranteed by the possibility of reducing to a minimum the centre distance between the lower rolls. Minimum centre distance between the rolls means also **optimum prebending** with reduced length of flat end. Plate drive and prebending quality are equivalent to what is achievable with the most expensive four rolls design machines.
- The bending power obtainable, when increasing the distance between the bending rolls, is enormous so that with a **minimum investment** it is possible to have heavy duty plate rolls.
- The special design results in a **reduced working height** because the cylinders moving the lower rolls are positioned horizontally. Therefore **no foundations** are required even for machines with bending capacity over 40 mm.
- The prebending process with the HAV series is very **fast and safe**, as the plate does not have to be inserted in the tilted direction typical of the traditional three rolls machines. This make it possible the use of idle or motorised rollers feed tables and plate centring systems.
- The world famous patented **EPS electronic balancing system** is installed as standard on all the plate rolls of the series HAV. It guarantees the rolls always to be parallel with a **tolerance of 0,2 mm** not affected by mechanical wear and tear or by hydraulic system retards.
- Moreover, to **increase the productivity** of the system, the drop end can be opened at any position of the top roll because this one is dynamically counter balanced by an hydraulic cylinder. The top roll can also be tilted hydraulically.
- **Ideal for medium and heavy duty rolling** requirements, the HAV plate rolls are by sure **the most advanced** three roll bending machines available on the world market.



HAV

by Faccin

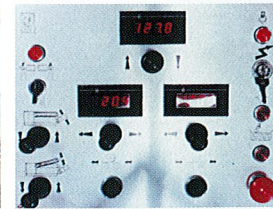
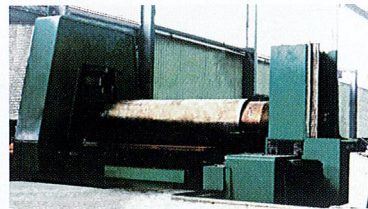
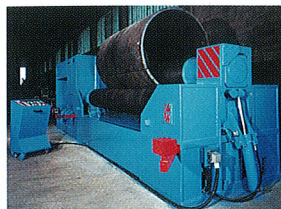
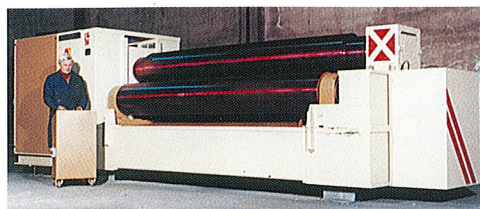
Variable Geometry Plate Rolls

STANDARD CONFIGURATION:

- Variable geometry with three moveable rolls;
- Linear Slides for roll movement (no pivots);
- Rolls surface polished;
- EPS Electronic Balancing System;
- Special Breaking System for optimal prebending;
- Control console moveable on wheels;
- Permanent Lubrication system;
- Hydraulic protection from overloads;
- Safety Guard cable around the machine ;
- Machine CE certified for its safety;

UPON REQUEST:

- Induction hardened rolls;
- Digital readouts for rolls positioning;
- Cone bending attachment;
- Motorised rollers feed tables;
- Automatic ejectors;
- Side and Top plate supports;
- Numerical Controls for rolling automation;
- Machines designed for rolling heated plates;
- Integrated welding booms;



Model/Size	Plate mm	Rolling 5xD	Rolling 1,4xD	Prebend 1,4xD	Top Roll Min. mm	Lower Rolls Min. mm	Rolling Power Hp	Weight Kg	Dimensions mt
HAV 251	2500	40	25	20	340	320	50	18.000	5,4x2,5x2
HAV 252	2500	55	40	30	410	380	75	24.000	6x2,7x2,5
HAV 253	2500	90	60	50	500	450	100	42.000	6,4x3x2,6
HAV 254	2500	110	70	60	600	540	150	75.000	6,8x3,3x2,7
HAV 255	2500	150	95	80	720	630	200	81.000	7,5x4x3,5
HAV 256	2500	180	115	90	800	700	250	106.000	8,5x5x4
HAV 311	3000	35	25	15	350	320	40	20.000	6x2,5x2
HAV 312	3000	45	35	25	420	380	60	26.000	6,5x2,7x2,5
HAV 313	3000	65	55	40	510	450	85	45.000	7x3x2,6
HAV 314	3000	90	70	50	620	540	130	78.000	7,2x3,3x2,7
HAV 315	3000	130	90	70	730	630	180	85.000	8x4x3,5
HAV 316	3000	150	110	80	810	700	220	115.000	9,2x5x4
HAV 401	4000	25	15	10	360	320	40	23.000	7,2x2,5x2
HAV 402	4000	35	20	15	430	380	60	29.000	7,8x2,7x2,5
HAV 403	4000	45	30	25	530	450	85	51.000	8,1x3x2,6
HAV 404	4000	70	50	40	640	540	130	85.000	8,5x3,3x2,7
HAV 405	4000	90	60	50	750	630	180	93.000	9x4x3,5
HAV 406	4000	100	70	60	860	700	220	125.000	10x5x4

LARGER, SMALLER, INTERMEDIATE SIZES AND SPECIAL VERSION ARE AVAILABLE BUT NOT LISTED. PLEASE SEND US YOUR DETAILED ENQUIRIES.



Faccin s.r.l. - 25010 Visano (Brescia) Italy - via dell'Industria, 19
tel. +39 030 9958735 r.a. - fax +39 030 9958771 - e-mail: info@faccin.com - web: www.faccin.com

