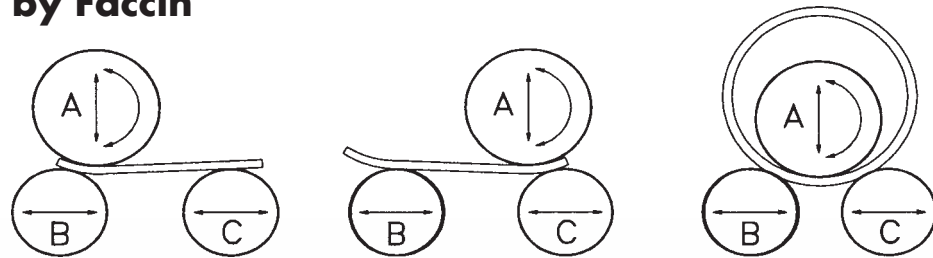


HAV

Variable Geometry Plate Rolls



by Faccin



HAV DESIGN: THE IDEAL 3 ROLL PLATE ROLL!

- An unbeatable combination of **rolling power** and **prebending precision** is guaranteed, by the HAV series of plate rolls.
- **All three rolls move.** The top roll moves 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 production needs, the same principle as a press brake with auto-variable V dies.
- **Optimal plate drive** is guaranteed by the capability to reduce to a minimum the distance between the lower rolls. Minimizing the roll centres also results in **optimum prebending** capabilities, 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 capacities over 1- 1/2 ins.
- The prebending process with the HAV series is very **fast and safe**, the plate is inserted horizontally and not angled, typical with traditional three roll machines. This allows the use of idle or motorized roller feed tables and plate centring systems
- The world famous patented EPS **electronic balancing system** is installed as standard on all the machines in the HAV series, this guarantees the rolls will always be parallel, with a **tolerance of 0,07 ins.**, and cannot be affected by mechanical wear and tear.
- **Ideal for medium and heavy duty rolling** requirements, the HAV plate rolls are for certain the most advanced three roll bending machines available on the world market.



HAV

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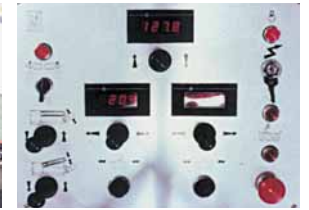
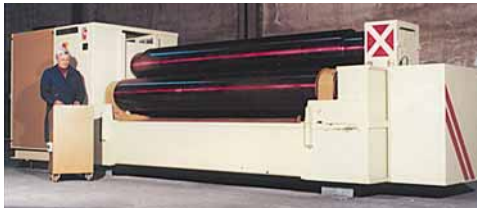
Variable Geometry Plate Rolls

UPON REQUEST:

- Induction hardened rolls;
- Digital readouts for rolls positioning;
- Cone bending attachment;
- Motorized rollers feed tables;
- Automatic ejectors;
- Side and Top plate supports;
- Numerical Controls for rolling automation;
- Machines designed for hot rolling;
- Special colours;

STANDARD CONFIGURATION:

- Variable geometry with three moveable rolls;
- Linear Slides for roll movement (no pivots);
- Rolls surface polished;
- EPS Electronic Balancing System;
- Special Braking 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 safety;



Model/Size	Plate ft	Rolling 5xD	Rolling 1,4xD	Prebend 1,4xD	Top Roll Min. Ins	Lower Rolls Min. Ins	Rolling Power Hp	Weight lbs	Dimensions f
HAV 251	8'	1-5/8	1	3/4	13-3/8	12-1/2	50	39600	18'x8'x6,5'
HAV 252	8'	2-1/8	1-5/8	1-3/16	16-1/8	14-7/8	75	52800	20'x9'x8'
HAV 253	8'	3	2-3/16	2	19-5/8	17-5/8	100	92400	21'x10'x8,5'
HAV 254	8'	4	3	2-1/8	23-5/8	21-1/4	150	165000	22'x11'x9'
HAV 255	8'	6	3-1/2	3	28-5/16	24-3/4	200	178200	24'x13'x11'
HAV 256	8'	7	4-1/2	3-12	31-1/2	27-3/8	250	233200	28'x16'x13'
HAV 311	10'	1-3/8	3/4	5/8	13-1/2	12-1/2	40	44000	20'x8'x6,5'
HAV 312	10'	1-3/4	1-3/16	7/8	16-1/2	14-7/8	60	57200	22'x9'x8'
HAV 313	10'	2-3/8	2-3/16	1-1/2	20	17-5/8	85	99000	23'x10'x8,5'
HAV 314	10'	3-1/2	2-3/4	2	24-3/8	21-1/4	130	171600	24'x11'x9'
HAV 315	10'	5-1/8	3-1/2	2-3/4	28-5/8	24-3/4	180	187000	26'x13'x11'
HAV 316	10'	6	4-5/16	3-3/16	31-7/8	27-3/8	220	253000	30'x16'x13'
HAV 401	13'	1	5/8	3/8	14-3/16	12-1/2	40	50600	22'x8'x6,5'
HAV 402	13'	1-3/8	3/4	5/8	16-7/8	14-7/8	60	63800	24'x9'x8'
HAV 403	13'	1-3/4	1-3/16	1	20-3/4	17-5/8	85	112200	25'x10'x8,5'
HAV 404	13'	2-3/4	2	1-5/8	25-3/16	21-1/4	130	187000	26'x11'x9'
HAV 405	13'	3-1/2	2-3/8	2	29-1/2	24-3/4	180	204600	28'x13'x11'
HAV 406	13'	4	2-3/4	2-3/8	33-7/8	27-3/8	220	275000	32'x16'x13'

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



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