Benefits in 3 rolls technology

Picot Technology

> 3 Rolls or 3+1... multiple possibilities

- Better Pre bending
- Smaller rolling diameter
- Cone easier
- No lamination / damage
- Regular shape
- Calibration of parts after welding possible
- High distance between rolls – profile bending

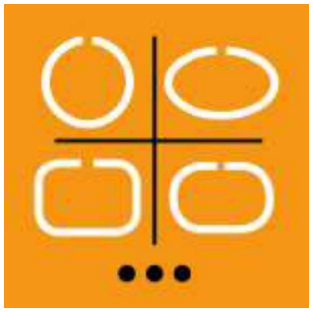
Do more and better

EasyRoll©

HUMAN/MACHINE INTERFACE

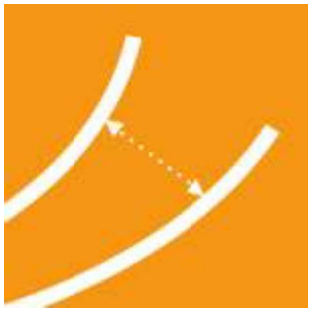
> Optimised an simplified control of machines

- Roll any type of material
- Roll right at the first time without correction
- Roll with any experience or particular skill

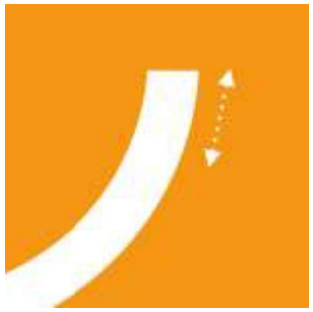


Automatic Programs

Intelligent Material data base



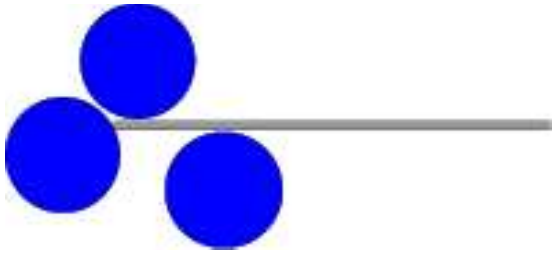
Spring back calculation No correction



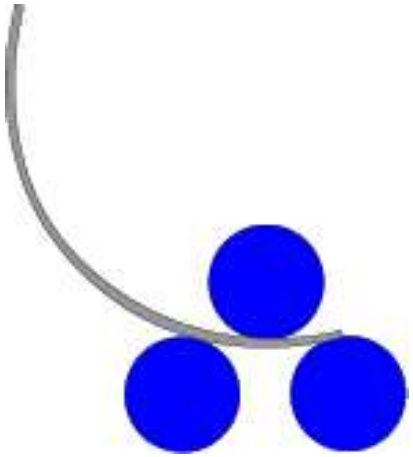
Assisted prebending

Automatic Cone setting

Roll bending process – 3 rolls

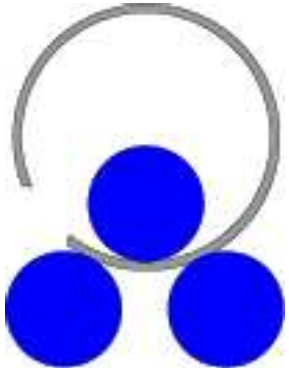


Step1



Step 2

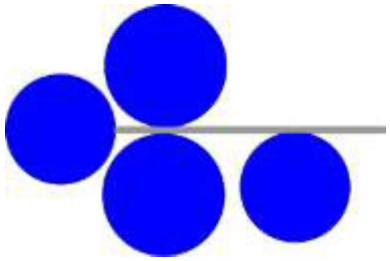
Step 3



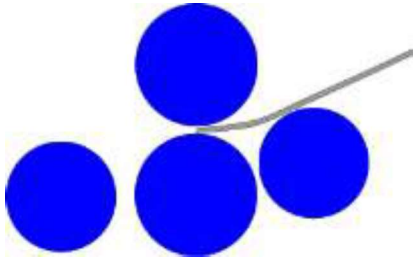
Step 4

Step 5

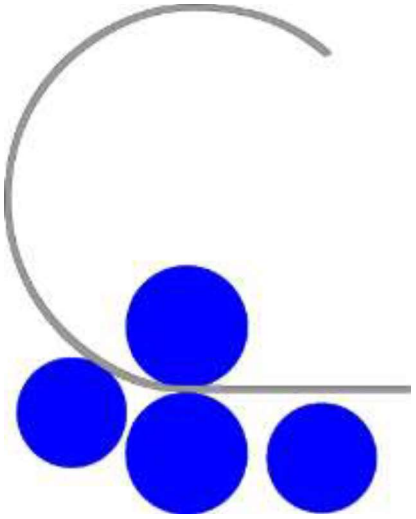
Roll bending process – 4 rolls



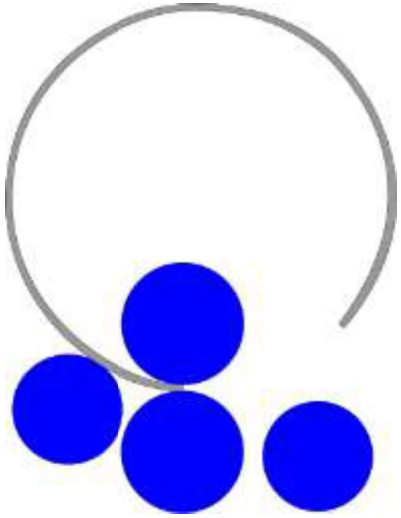
Step 1



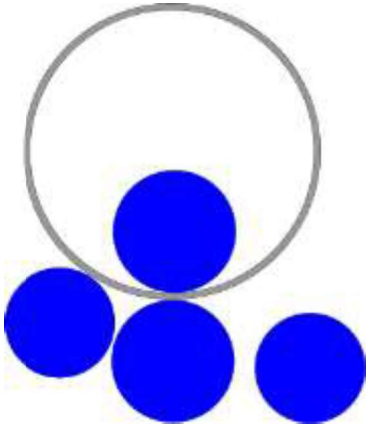
Step 2



Step 3

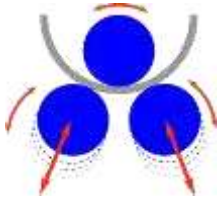


Step 4

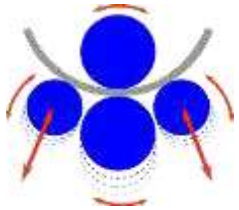


Step 5

3 or 4 Rolls ?



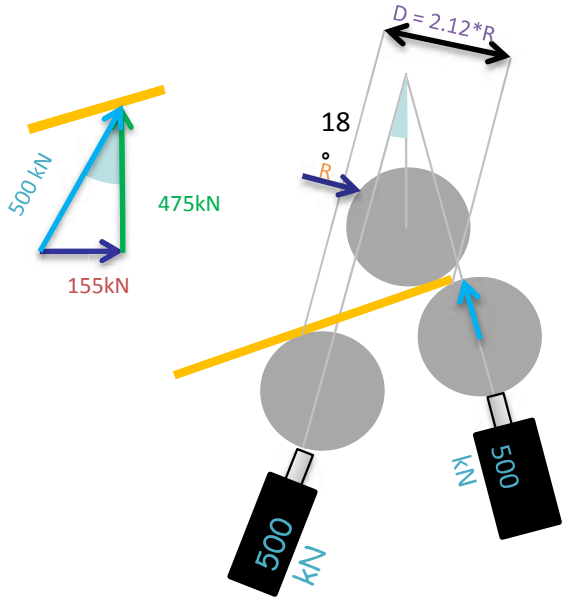
- 3 Rolls driven
- No risk of lamination
- More powerful pre bending
- High distance between rolls
  - High profile bending possibilities
- Possibility of rolling fragile material without damages:
  - Composite material
  - Coated material, ...
- Best for cones
- Best for calibration with no damage on welding line

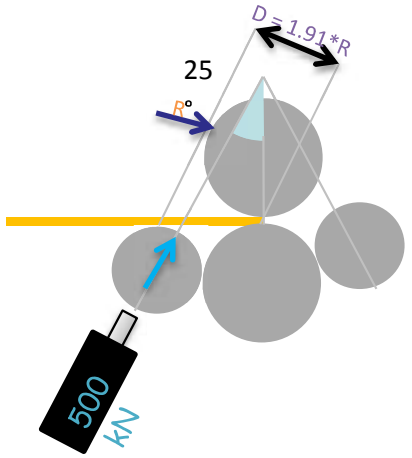


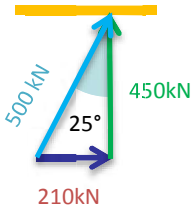
- 2 Rolls driven (Picot=4rolls)
- Risk of lamination
- Pre bending with losses
- Small distance between rolls
  - No profile to be rolled
- No fragile material only can be rolled
- Cones not easy
- Can damage welding line

4 rolls Picot allows all

Prebending 3 & 4 Rolls



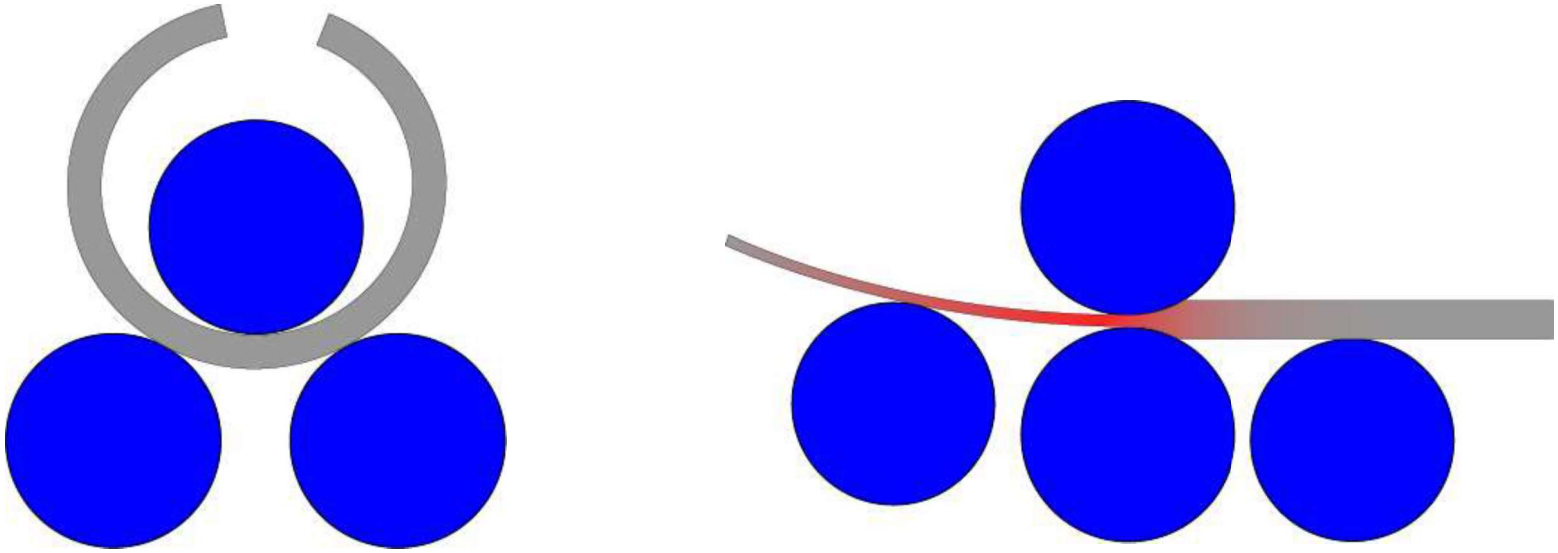




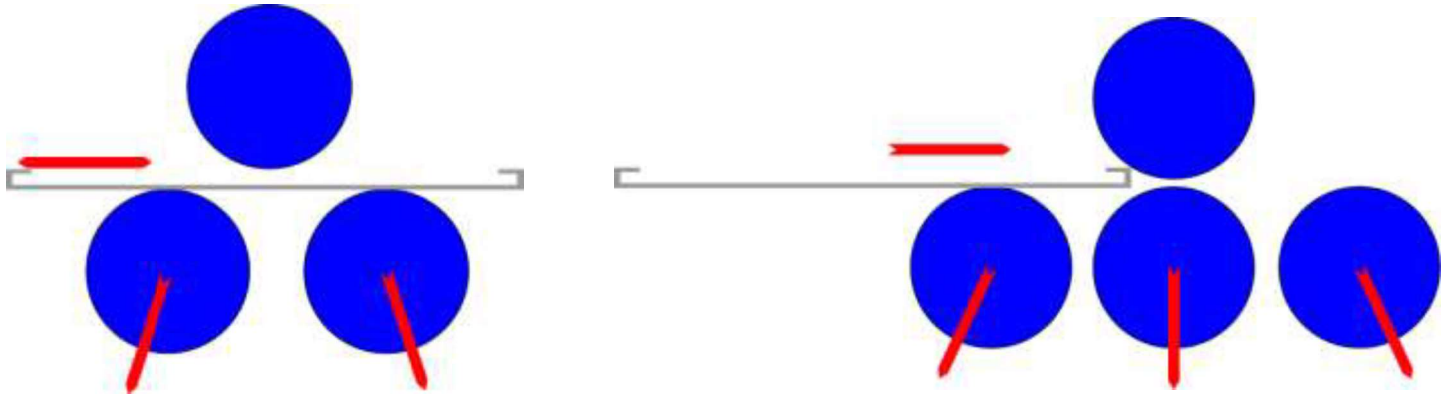
Ø Rolls : 460 mm ==> Ø Parts : 496 mm

3 rolls offers +15% power

Risk of lamination – 4 Rolls



Distance between rolls



3 rolls allow profile bending