

## WHY WE DEVELOPED THIS QUATTRO IRONING MACHINE?

Nowadays many article needs to make more softy and better touch because synthetic article improved a lot, even if leather technician confusing it is leather or not.

Then we have to develop the leather quality more smooth touch and more natural feeling etc  
This machine can help the leather quality improve a lot without extra chemical cost

## WHY LOSEGRAIN AND VEIN MARK, GROWTH MARK COMES OUT AFTER IRONING?

It comes out from the over pressure

This machine can controll 0~6 bar by PNEUMATIC cylinder, 6~100 bar by HYDRAULIC cylinder

If you use pneumatic cylinder, hardly ever comes out

## WHY SOFTNESS AND FULLNESS CHANGE AFTER IRONING?

Almost ironing Machine's driving roller (bottom) is very heavy

then, has to use big Hydraulic cylinder

Even if we use minimum pressure 10bar, it is strong pressure to the softy leathers

This problem comes out from the strong pressure

## WHY SHINY AND TOUCH CHANGE VERY QUICKLY AFTER IRONING?

Almost ironing Machine's leather touching area is very short and touching time also just 1 second, then change very quickly.

This machine's touching area is around 630mm.

then shiny and touch change very little after one or two month later also

## WHY SUGAR BREAK COMES OUT AFTER IRONING?

If ironing roller diameter is not big, leather cannot go inside smoothly.

This machine's ironing roller diameter is biggest in the world(1,000Ø)

Then leather can go inside very smoothly and very gentle, then NO SUGAR BREAK comes out.

## WHAT IS DIFFERENT COMPARE WITH DRY VACUUM EFFECT?

- 1 After dry vacuum, sometime vein mark growth mark comes to the surface because of vacuum pressure  
but, "QUATTRO" pressure is very low then BIG different quality comes out.
- 2 Steam mark comes out because of long time touching the hot plate  
but, "QUATTRO" wool felt absorbs the moisture
- 3 If the leather thickness is uneven, shiny also uneven  
but, "QUATTRO" felt thickness is 14m/m  
can keep the balance and make even shiny and even touch
- 4 "QUATTRO" can makes more yield because  
there are 4 pressure roller and special spreading system, it makes more yield