smart machine design for your success
powered by passion.
HF’s **ONE Tire Building Machine** is the answer to new challenges in tire manufacturing and market demands.

**HIGH FLEXIBILITY**

- ONE machine, three possible carcass drums
- Quick change-over of different carcass drums without changing the shaft <20 min.
- High force, long hub, servo driven for symmetrical turn-up movements => SW width up to 230 mm (+)
- Low final shaping distance => 180 mm bead to bead

**TIRE QUALITY**

- Less stress on ply due to flat turn-up
- Separate IL and SW application
- No ply ending in SW area due to C turn-up
- Constant cord length bead to bead
- Very accurate SW inboard edge application
- Ply-down to reinforce the carcass
- Automation of former two-stage process with permanent bead control

**TIRE COST**

- High C turn-up => Reduces material and tire weight
- No sidewall cracks when tire is in use due to elimination of ply ending in sidewall area
- High efficiency

For more information about the new HF ONE, please scan the QR code with your smartphone or use the following link: hf-tiretechgroup.com/hf-one