

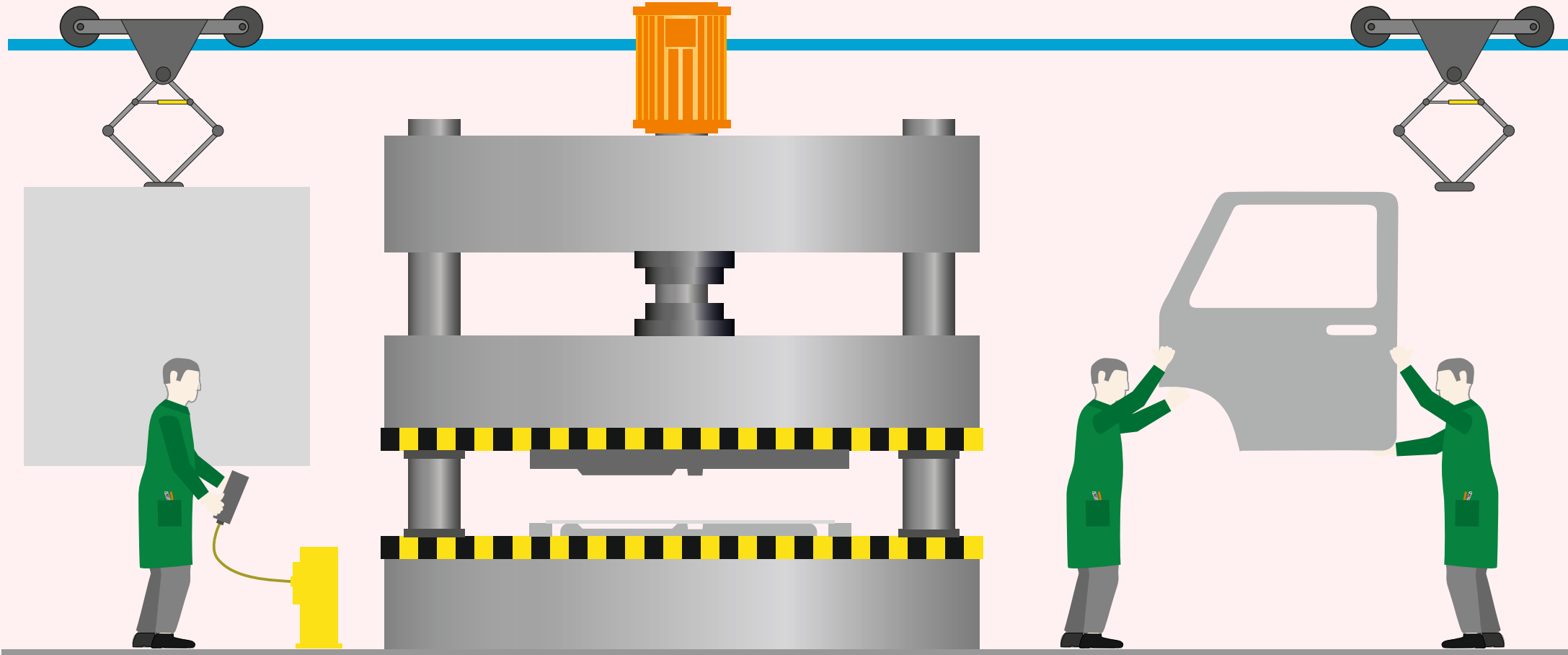
CONTINUOUS PRODUCTION - CAR BODY / CAR DOOR

1

SHEET STEEL, WHICH HAS BEEN CUT TO THE CORRECT SIZE, IS PLACED IN AN HYDRAULIC PRESS. THE PRESS EXERTS IMMENSE PRESSURE ON THE SHEET STEEL.

A MOULD / DYE HAS BEEN FITTED TO THE PRESS. IT IS THE MOULD / DYE, THAT FORMS THE SHAPE OF THE VAN DOOR.

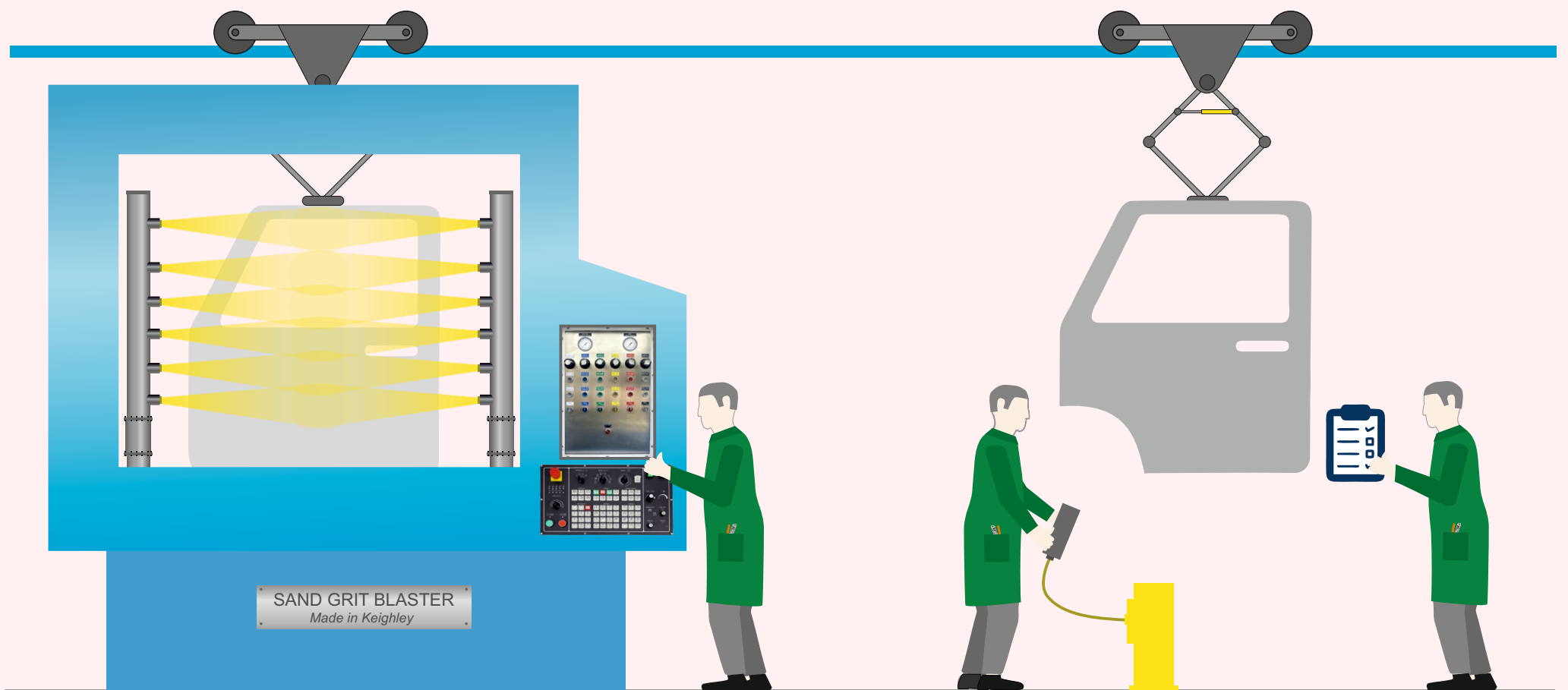
WHEN THE VAN DOOR IS REMOVED FROM THE PRESS, IT IS INSPECTED FOR DEFECTS, BEFORE IT MOVES ON TO THE NEXT STAGE OF PRODUCTION.



2

THE NEWLY PRESSED VAN DOOR, IS PLACED IN A 'SAND GRIT BLASTER'. THIS REMOVES ANY GREASE / DIRT FROM THE DOOR, IN PREPARATION FOR THE NEXT STAGE OF PRODUCTION (THE GALVANISING PROCESS).

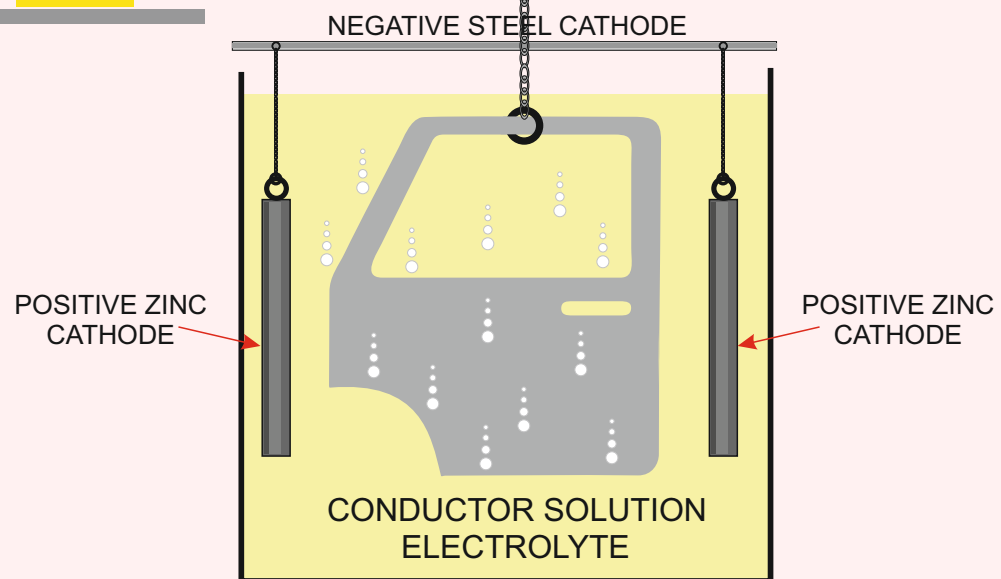
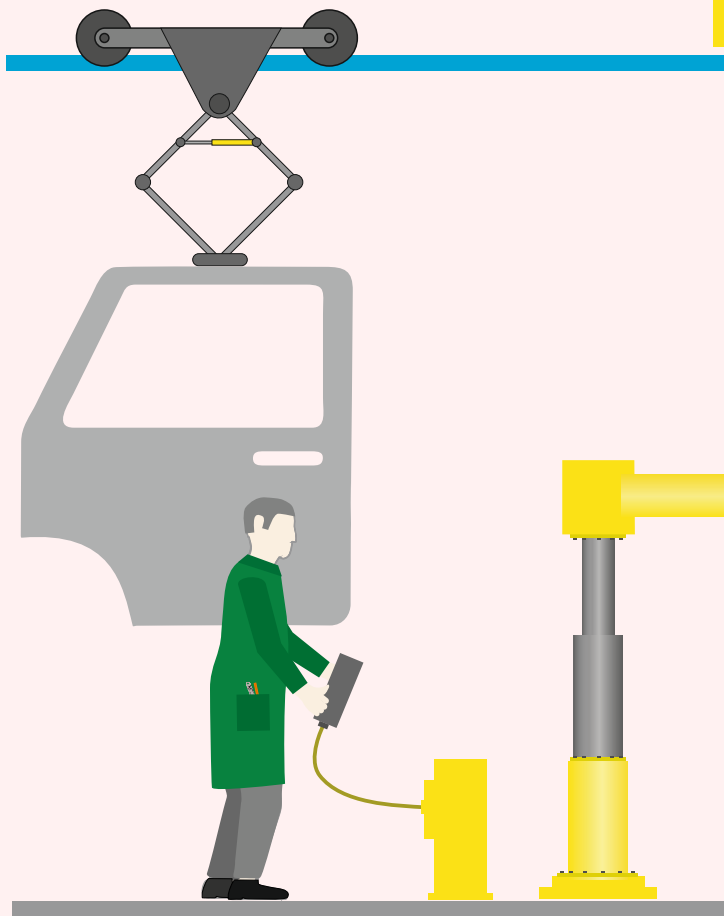
INSPECTION OF THE VAN DOOR TAKES PLACE, AFTER IT IS REMOVED FROM THE 'GRIT BLASTER'. IT MUST BE IN PERFECT CONDITION FOR THE NEXT PROCESS TO BE SUCCESSFUL.



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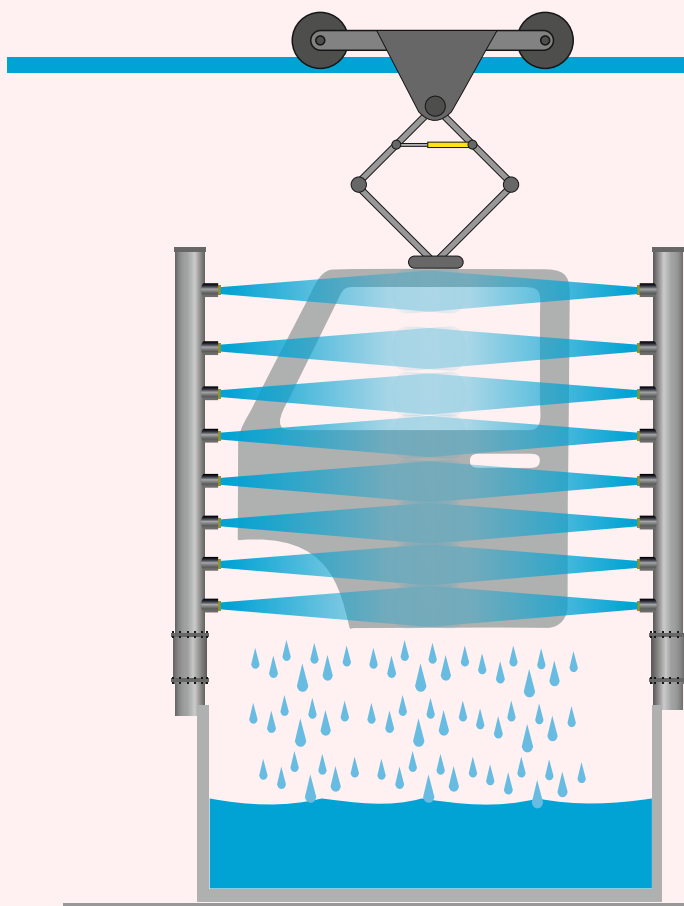
3

THE VAN DOOR IS GALVANISED. IT IS GIVEN A ZINC COATING, HELPING TO PREVENT RUST IN THE FUTURE. ALSO, IT ACTS AS A PERFECT SURFACE FOR THE TOP COAT OF PAINT.



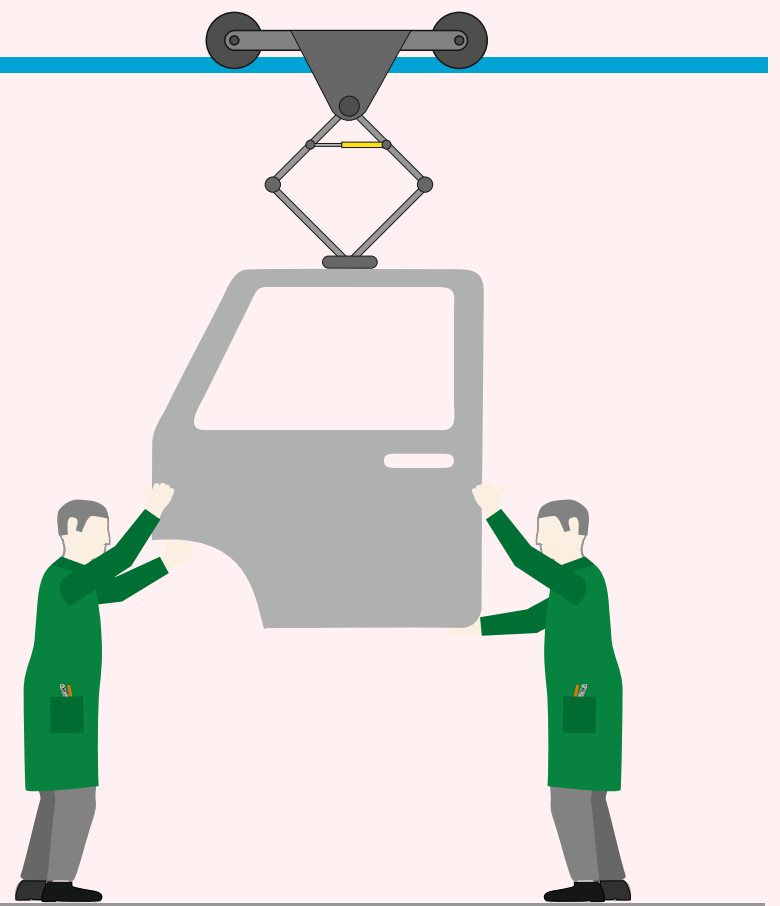
4

THE VAN DOOR IS WASHED TO REMOVE ANY RESIDUE, LEFT FROM THE GALVANISING BATH. THE WATER IS FILTERED AND RECYCLED FOR REUSE.



5

VAN DOOR CAREFULLY INSPECTED.

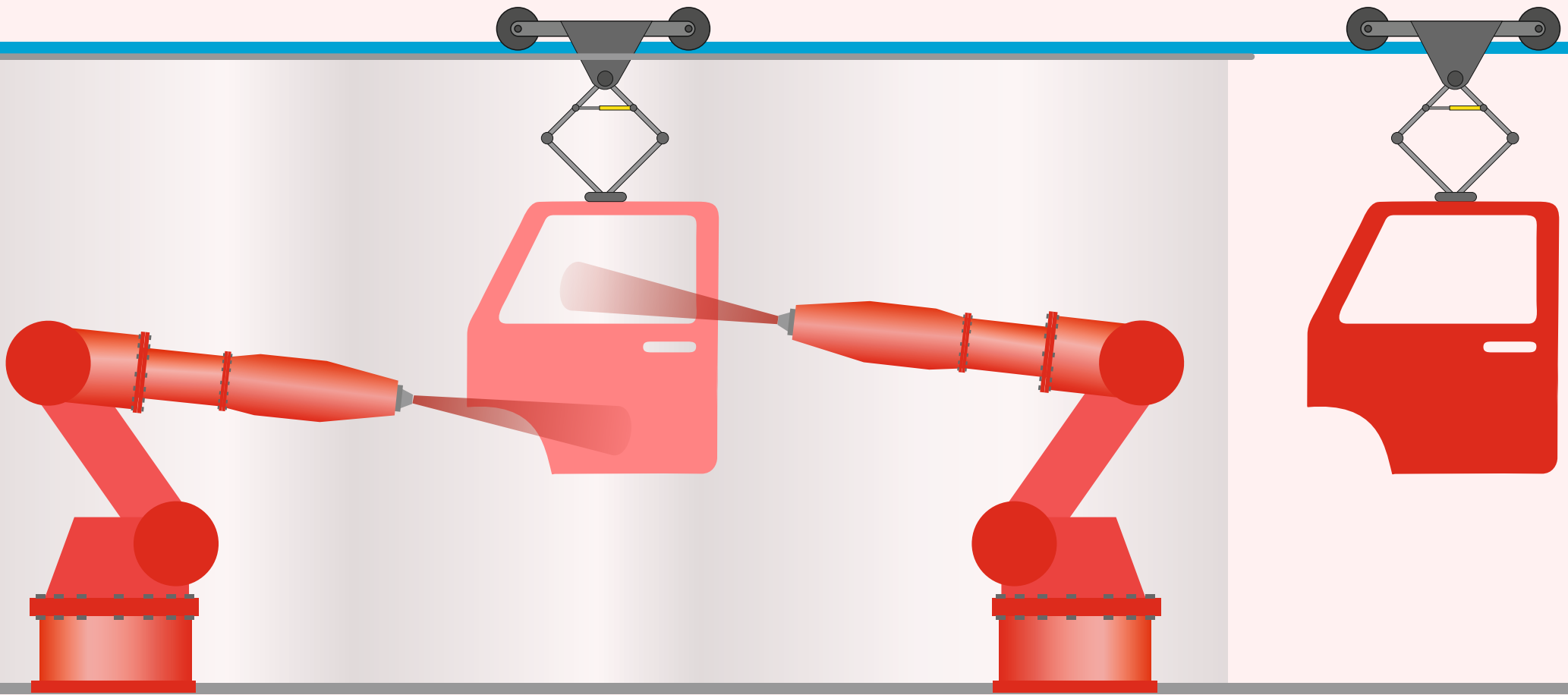


CONTINUOUS PRODUCTION - CAR BODY / CAR DOOR

6

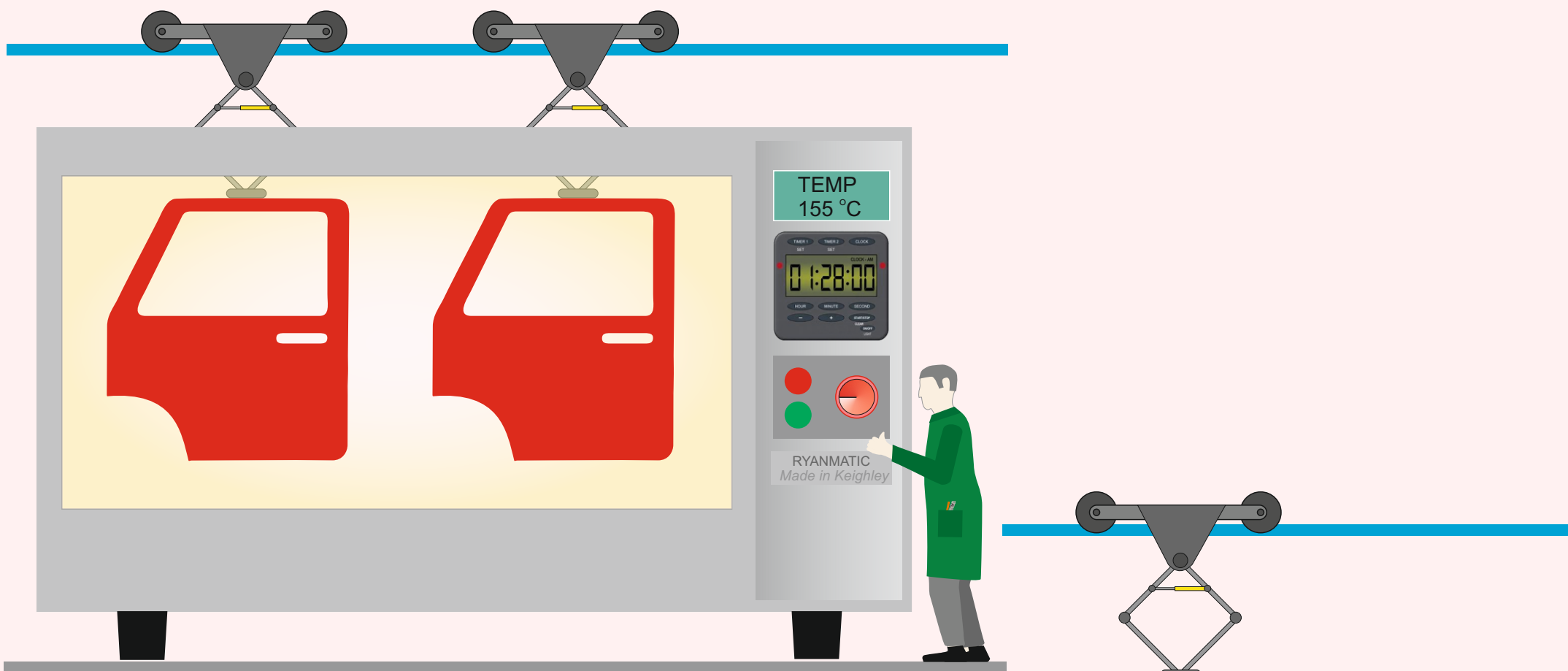
THE VAN DOOR MOVES DOWN THE PRODUCTION LINE TO THE SPRAY BOOTH.

THE TOP COAT IS APPLIED BY ROBOTIC ARMS, SPRAYING A UNIFORM THICKNESS ACROSS THE ENTIRE SURFACE OF THE DOOR.



7

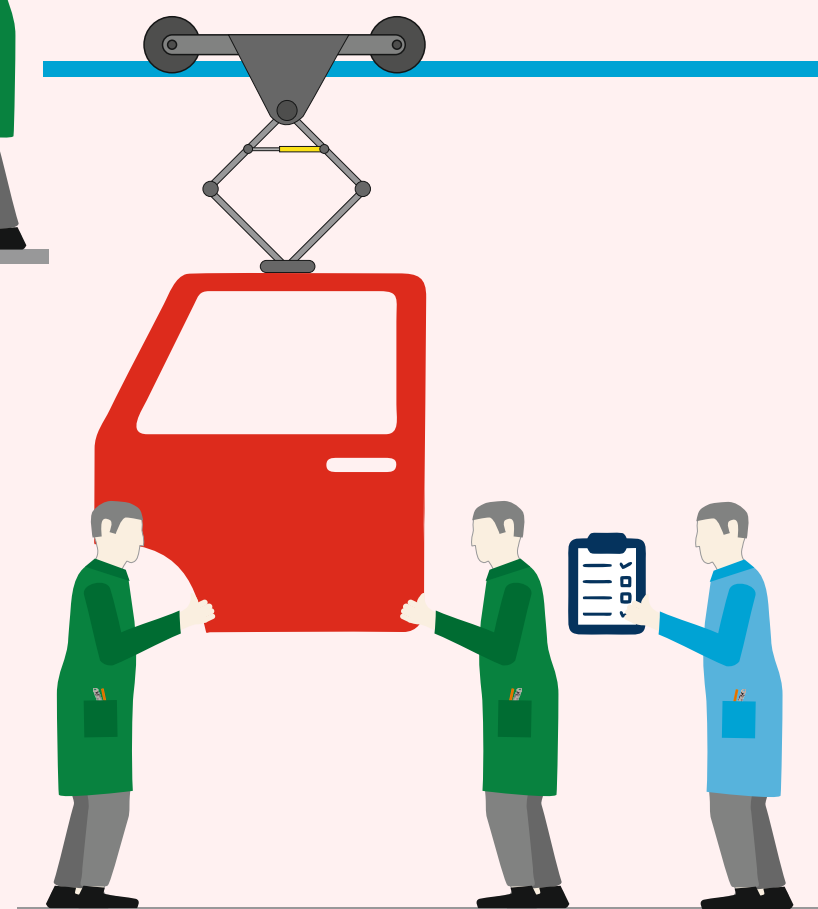
THE DOOR MOVES TO AN INDUSTRIAL OVEN. THIS BAKES THE TOP COAT, PRODUCING A TOUGH AND DURABLE FINISH.



8

THE DOOR IS THEN INSPECTED - QUALITY CONTROL.

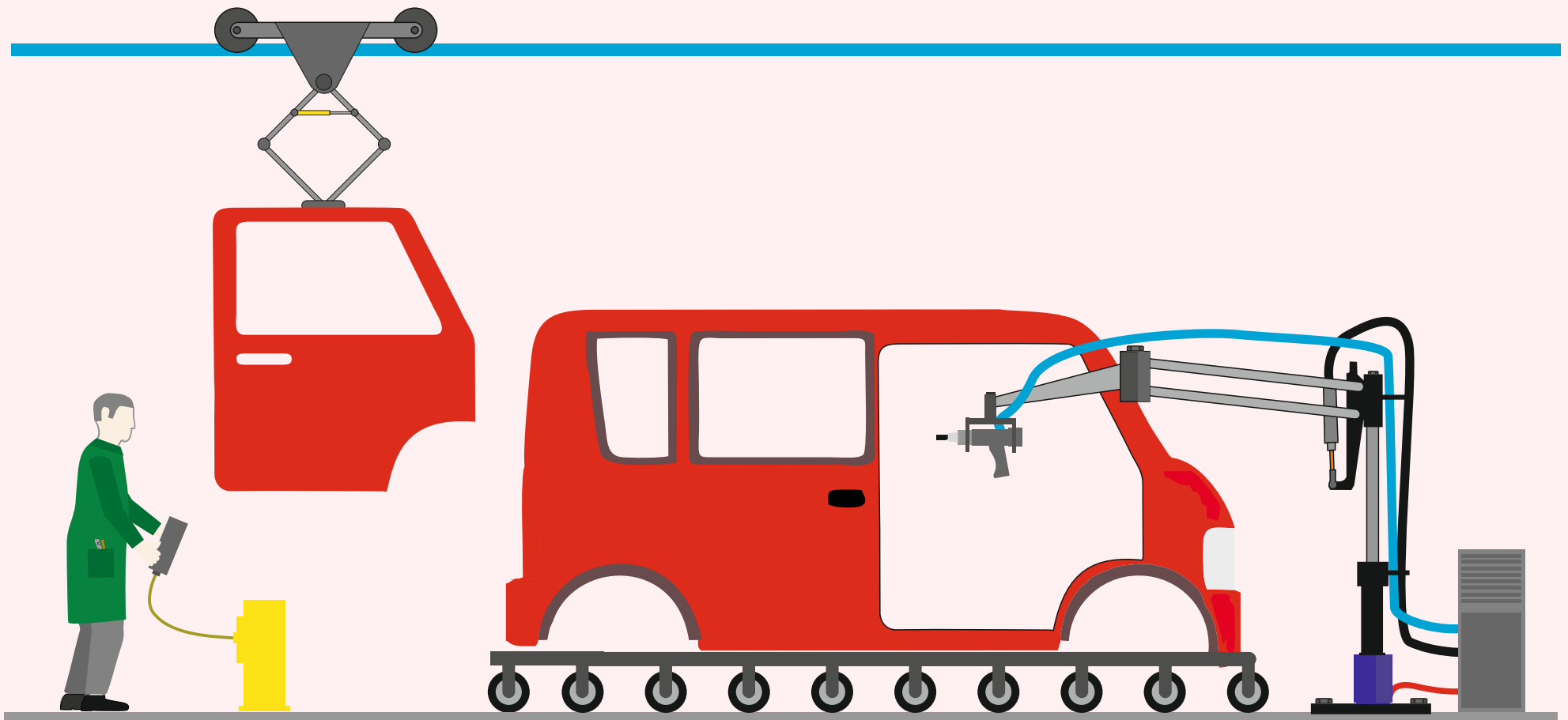
THE DOOR WILL BE REJECTED, IF THERE ARE ANY FLAWS IN THE SURFACE FINISH.



CONTINUOUS PRODUCTION - CAR BODY / CAR DOOR

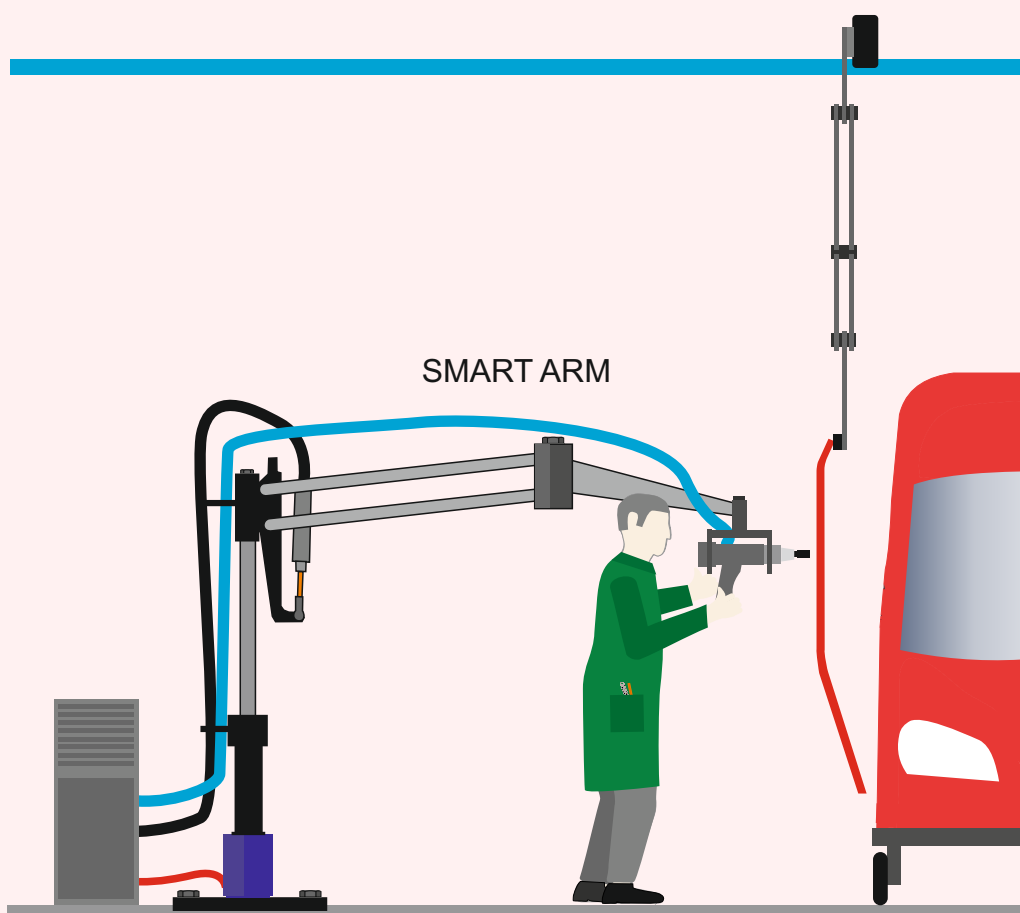
9

THE COMPLETED VAN DOOR MOVES TO THE ASSEMBLY LINE, WHERE IT WILL BE FITTED TO THE VAN BODY.



10

THE SMART ARM ALLOWS MOVEMENT IN SEVERAL DIRECTIONS AND IS FULLY ADJUSTABLE, MAKING IT EASY FOR THE OPERATOR TO USE.



11

THE VAN BODY, NOW FITTED WITH IT'S DOORS, MOVES TO THE NEXT PRODUCTION LINE, FOR COMPLETION. ENGINE FITTING AND ASSOCIATED COMPONENTS / PARTS.

