

CFD FLOW SIMULATION

TOURING SCREEN

REF.20375

AERODYNAMIC TEST

**TRIUMPH TIGER 900 / GT /
GT PRO / GT LOW / RALLY / RALLY PRO
2020 -**

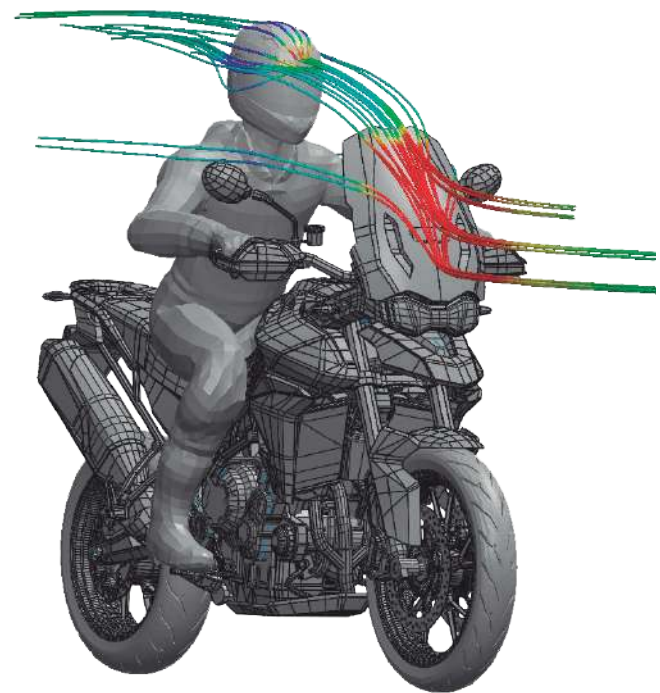
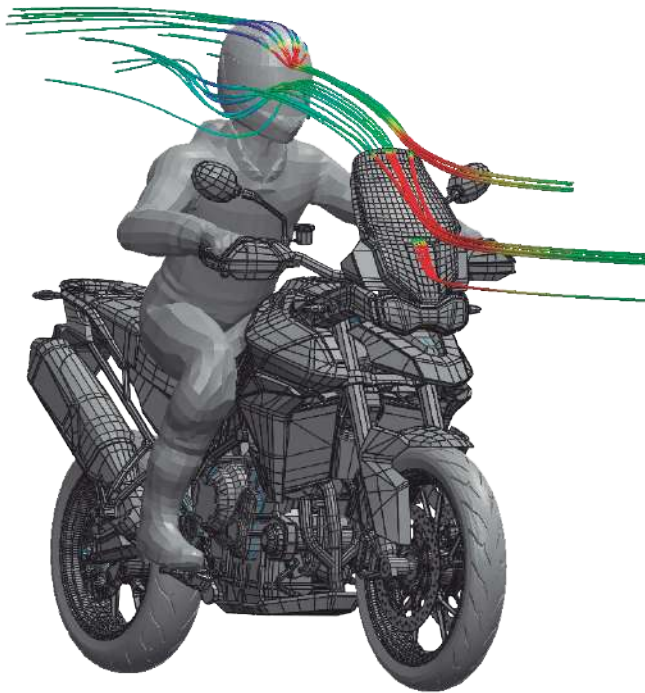


AIR FLOW & PREASSURE COMPARISON (SCREEN IN LOW POSITION)

Puig
Hi-Tech Parts

ORIGINAL SCREEN

TOURING SCREEN



HELMET PROTECTION

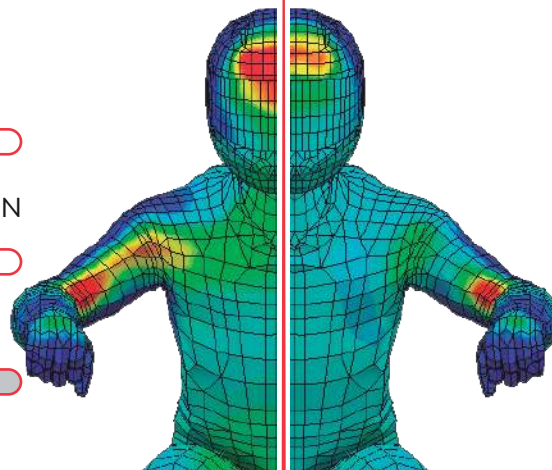
69%

UPPER BODY PROTECTION

80%

LOW BODY PROTECTION

100%



HELMET PROTECTION

84%

UPPER BODY PROTECTION

95%

LOW BODY PROTECTION

100%

LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **1,7 Kg**

INCREASE WIND PROTECTION

59% WITHOUT LOSING C_x

AERODYNAMIC TEST CONDITIONS

VSPEED	150 Km/h	94 mph
RIDER HEIGH	180 cm	5.9 ft
TEMPERATURE	20°	68°F
RIDER POSITION	Standard	
SCREEN POSITION	Low	
LATERAL WIND	No	

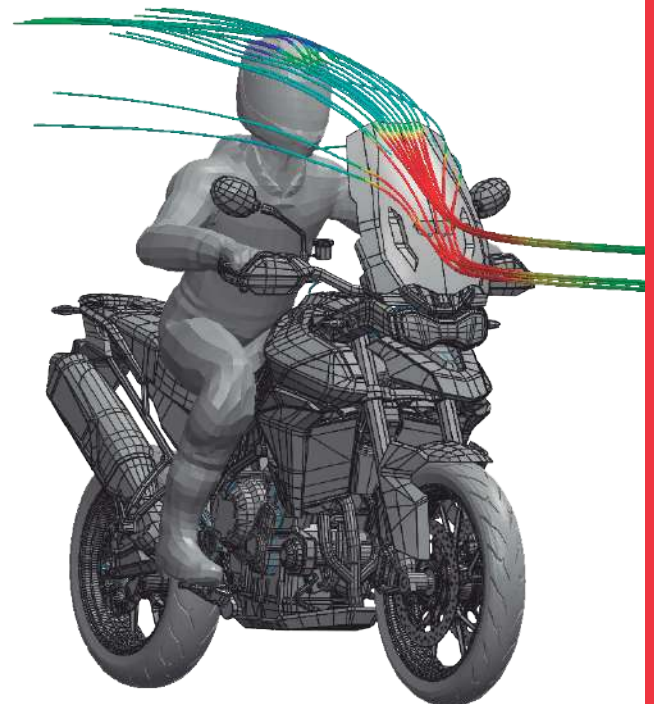
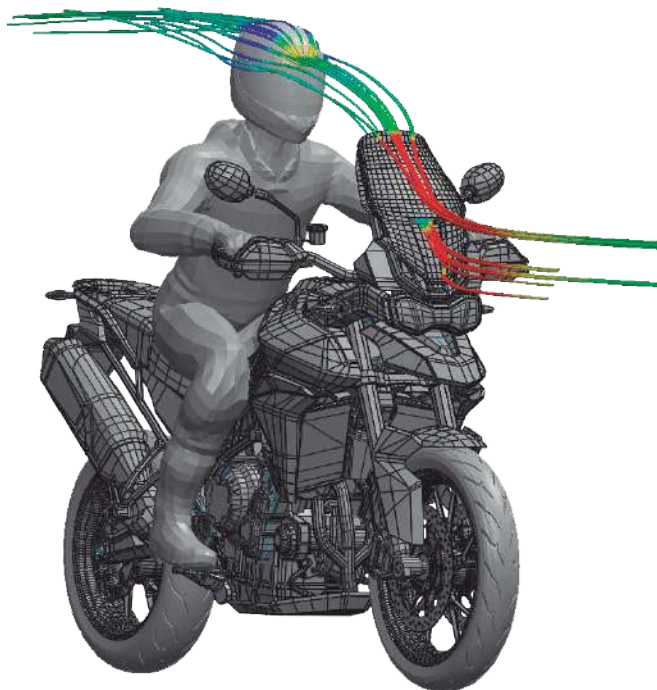
AIR FLOW & PREASSURE COMPARISON (SCREEN IN HIGH POSITION)

With the Puig screen we maintain the OEM mechanism for adjusting the screen's height. As we can observe, in the same conditions, the comparison with the screen in high position is even more beneficial for the Puig screen.



ORIGINAL SCREEN

TOURING SCREEN



HELMET PROTECTION

87%

UPPER BODY PROTECTION

68%

LOW BODY PROTECTION

100%

HELMET PROTECTION

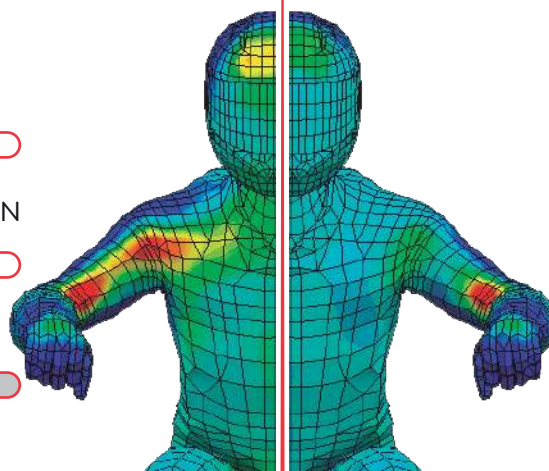
100%

UPPER BODY PROTECTION

95%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

TOTAL DISSIPATED PRESSURE WITH PUIG SCREEN IS EQUIVALENT TO **1,8 Kg**

INCREASE WIND PROTECTION

75% WITHOUT LOSING C_x