

CFD FLOW SIMULATION
MANUAL ELEVATION MECHANISM (M.E.M.)
REF.3732

AERODYNAMIC TEST

YAMAHA TENERE 700
2019 -

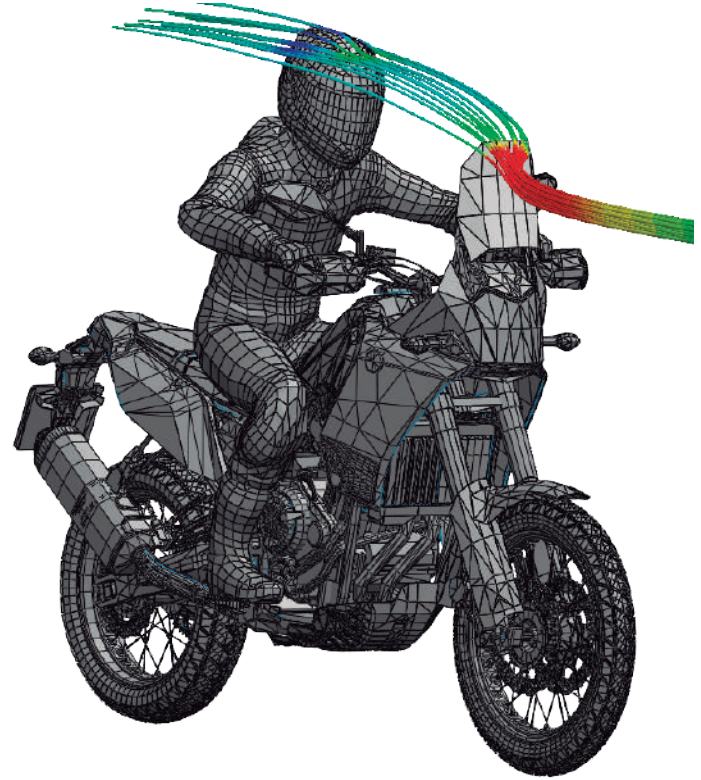


AIR FLOW & PREASSURE COMPARISON



ORIGINAL SCREEN

MANUAL ELEVATION MECHANISM



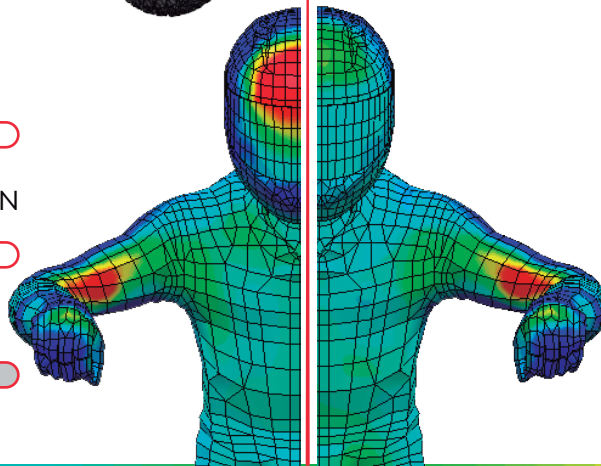
HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



HELMET PROTECTION



UPPER BODY PROTECTION



LOW BODY PROTECTION



LOW PRESSURE

HIGH PRESSURE

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

INCREASE WIND PROTECTION

38% WITHOUT LOSING Cx

AERODYNAMIC TEST CONDITIONS

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

ACOUSTIC POWER LEVEL COMPARISON

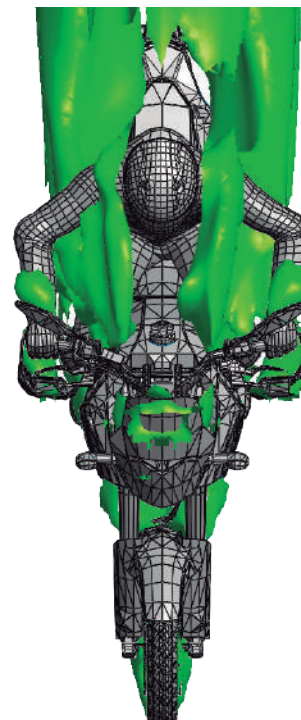
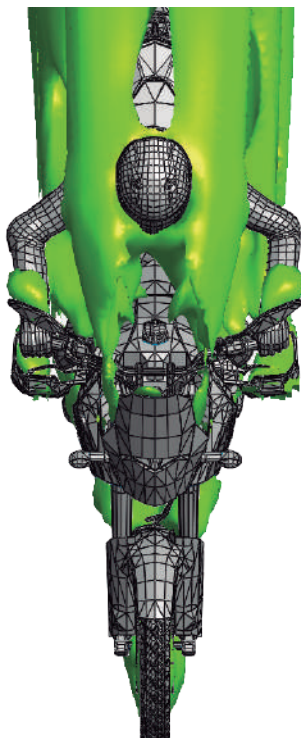
55dB zone:

The green cloud that we can see in the following images defines the area affected by a sound level of 55dB. As we can see, when mounting the M.E.M, we managed to remove all that annoying sound from the helmet area.



ORIGINAL SCREEN

TOURING SCREEN

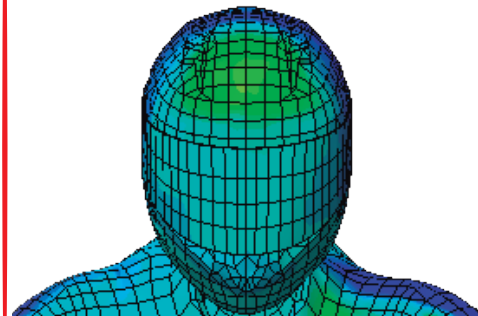
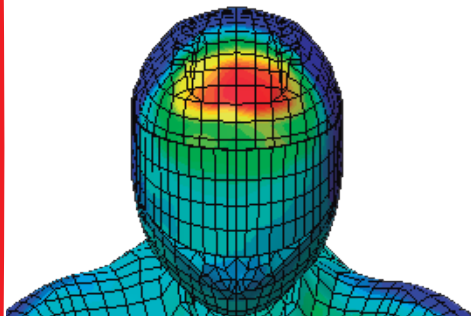
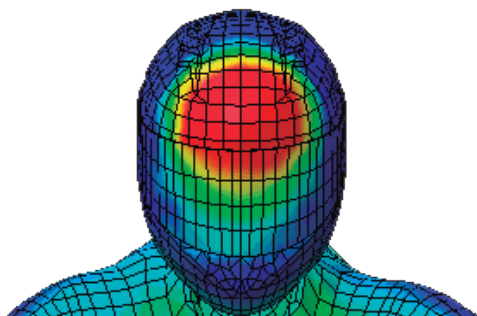


HELMET PREASSURE COMPARISON

ORIGINAL SCREEN

Puig Hi-Tech Parts M.E.M MIDDLE POSITION

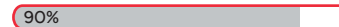
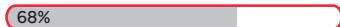
Puig Hi-Tech Parts M.E.M HIGH POSITION



HELMET PROTECTION

HELMET PROTECTION

HELMET PROTECTION



LOW PRESSURE

HIGH PRESSURE