

CFD FLOW SIMULATION

MANUAL ELEVATION MECHANISM (M.E.M.)

REF.3732

AERODYNAMIC TEST

YAMAHA TENERE 700
2019 -

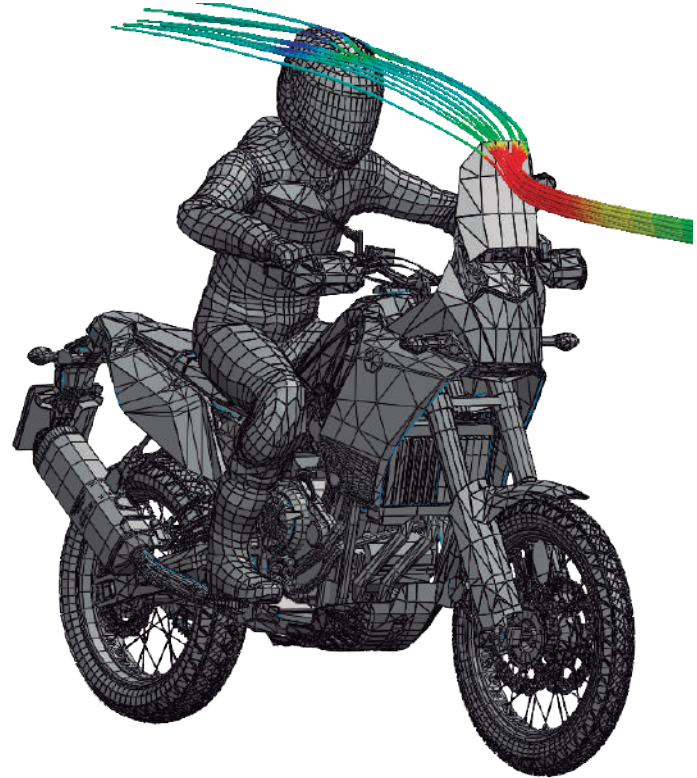


AIR FLOW & PREASSURE COMPARISON

Puig
 Hi-Tech Parts

ORIGINAL SCREEN

MANUAL ELEVATION MECHANISM



HELMET PROTECTION

34%

UPPER BODY PROTECTION

87%

LOW BODY PROTECTION

100%

HELMET PROTECTION

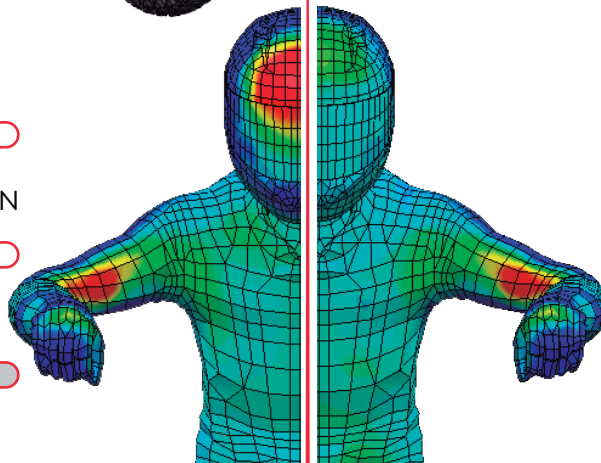
90%

UPPER BODY PROTECTION

89%

LOW BODY PROTECTION

100%



LOW PRESSURE

HIGH PRESSURE

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

INCREASE WIND PROTECTION

38% 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	
LATERAL WIND	No	

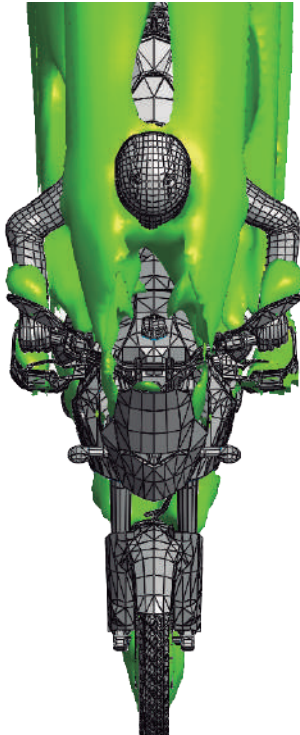
ACOUSTIC POWER LEVEL COMPARISON

55dB zone:

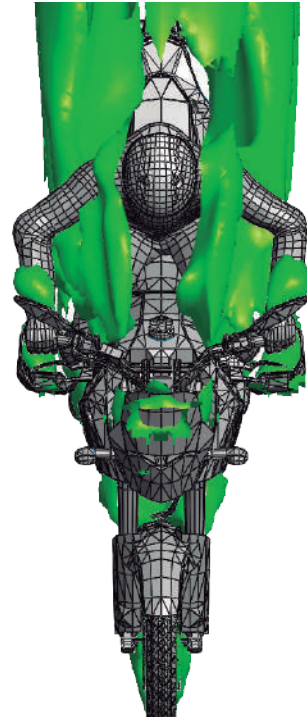
The green cloud that we can see in the following images defines the area affected by a sound level of 55dB. As we can see, when mounting the M.E.M, we managed to remove all that annoying sound from the helmet area.

Puig
Hi-Tech Parts

ORIGINAL SCREEN

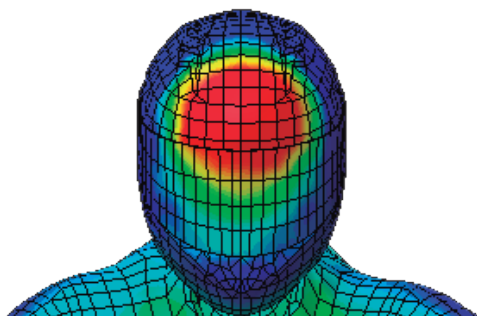


TOURING SCREEN



HELMET PREASSURE COMPARISON

ORIGINAL SCREEN

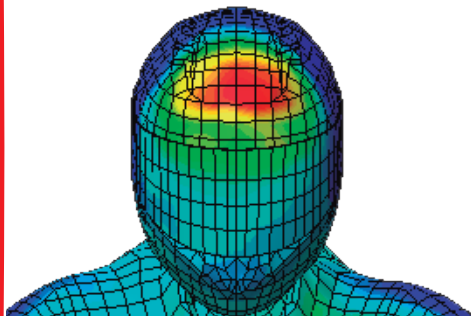


HELMET PROTECTION

34%

Puig
Hi-Tech Parts

M.E.M MIDDLE POSITION

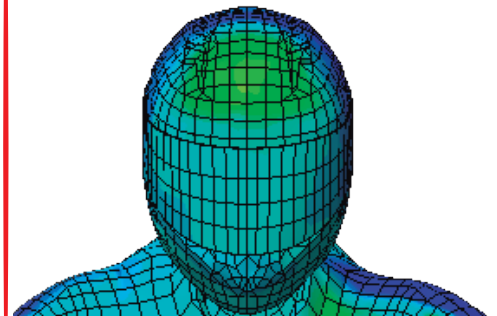


HELMET PROTECTION

68%

Puig
Hi-Tech Parts

M.E.M HIGH POSITION



HELMET PROTECTION

90%

LOW PRESSURE

HIGH PRESSURE