

CMS DETECTOR

Total weight	14,000 tonnes
Overall diameter	15.5m
Overall length	21.7m
Magnetic field	3.8 T

STEEL KEYPAN CORE
12,000 tonnes

SILICON TRACKERS

Inner 100x100mm - 300x300mm - 400x400mm
Outer rings 200x200mm - 300x300mm - 400x400mm

SUPERCONDUCTING BOLEND

Nickel-titanium coil winding - 10,000 tonnes

ALUMINUM CHAMBERS

Inner 100x100mm - 300x300mm - 400x400mm
Outer rings 200x200mm - 300x300mm - 400x400mm

PRECISION

200x200mm - 300x300mm - 400x400mm

HYDROGEN CHAMBER

Inner 100x100mm - 300x300mm - 400x400mm

CRYSTAL
ELECTROMAGNETIC
CALORIMETER (ECAL)
1000x1000mm - 2000x2000mm

HADRON CALORIMETER (HCAL)

Inner 100x100mm - 300x300mm - 400x400mm

