



2011 Husqvarna SMS630

Technical Brief

MSRP: \$8,999

Overview: Husqvarna's SMS630 is inspired directly by the World Supermoto Championship winning bikes. Top technology taken to the streets!

Key Features:

- Improved comfort and better handling
- New 4-valve, dual cam cylinder head
- Brembo hydraulic clutch
- Brembo brakes
- Revised "Double Muffler" exhaust system

Specifications:

DIMENSIONS/WEIGHT/CAPACITIES:

Wheelbase	59.25 in.
Overall Length	89.76 in.
Overall Width	32.28 in.
Seat Height	36.61 in.
Ground Clearance	9.45 in.
Total Weight (Dry)	348.3 lbs.
Fuel Capacity	3.17 gallons
Oil Capacity	1.90 quarts

FRAME:

Chromoly Steel single tube cradle; Light alloy sub frame

SUSPENSION:

FORK – Marzocchi 45mm forks featuring 8.84 inches of front wheel travel. Upside down telescopic fork with compression and rebound adjustment.

SHOCK – Sachs single shock with remote reservoir, adjustable spring preload, compression and rebound damping. Shock delivers 12.6 inches of travel.

BRAKES:

Front: Brembo 260mm fixed disc with hydraulic actuation and floating caliper.
Rear: Brembo 220mm fixed disc with hydraulic actuation and floating caliper.

RIMS/TIRES:

Front: 3.50x17 120/70-17
Rear: 4.25x17 150/60-17

ELECTRICAL:

Battery: 12v-12AH
Head Light: 60/55 W
Pilot Light: 5W
Tail Light: LED
Turn Signals: 10W

ENGINE:

Type: Single cylinder four stroke
Head: Four valve dual overhead cam (DOHC)
Displacement: 600cc
Bore x Stroke: 100 x 76.4mm
Compression Ratio: 12.4:1
Starting: Electric start
Clutch: wet multi-plate with hydraulic control
Cooling: 2 radiators
Battery: 12v-12Ah

IGNITION: Electronic with adjustable advance

FUEL SYSTEM: EFI Mikuni D45

LUBRICATION: Wet sump with lobe oil pump and oil filter

TRANSMISSION:

Ratios: 1st 34/13
2nd 29/16
3rd 27/20
4th 24/22
5th 22/24
6th 20/26