

THE LATEST IN SILENCERS

FOR
ALL
MODELS

Scott

The New Straight-through SILENCER

Designed in collaboration with Burgess Products Ltd. Patent No. 312937.

THE NEW PRINCIPLE.

This revolutionary principle in acoustics has been applied with the utmost success to the silencing of automobile exhaust noises—*without creating back pressure.*

Hitherto, engineers have tried to muffle the explosions by restriction. The New Straight-Through Silencer reduces the intensity of the sound waves by absorption. In other words, the pulsations set up by the explosions are absorbed by the special acoustic filling faced with perforated metal, the whole forming a tubular outer casing which surrounds but **DOES NOT RESTRICT** the out-flowing exhaust gasses. Sound vibrations are thus effectively damped out whilst the exhaust system remains as free as if a corresponding length of plain tube or open cut-out were employed



SILENCE— WITHOUT BACK PRESSURE.

Now consider carefully what this means. Nothing whatever to impede the free passage of the exhaust gases from the engine to the atmosphere—no baffles—no restrictions—and consequently **NO BACK PRESSURE.** This amazing result is combined with really efficient silencing. It sounds almost too good to be true.

**More Power with
Lower
Running Costs**

Price: **15/-** EACH. Black Finish
25/- EACH. Chromium Plated Finish

SCOTT MOTOR CYCLE CO., SHIPLEY, YORKS.