

County

High Speed Haulage tractor



HSH140

Dedicated traction for bulk haulage

The concept is simple. A powerful tractor rated to meet the demands of continual long distance haulage at speed across varying terrain.

The County HSH140 is a completely new tractor with a new six cylinder "Powerstar"[™] diesel engine, constant mesh gearbox coupled with a high speed heavy duty rear axle and a new full suspension and shock absorbing front axle arrangement. It's a tractor designed for day and night service at speeds of up to 50kph.

The HSH 140 changes the economics of bulk haulage worldwide. It's equally at home on unmade roads and in the field as well as on metalled surfaces. The engine is fully tropicalised for work in the gruelling heat of sugar cane estates and an air over hydraulic braking system ensures safety and versatility to haul high train weights on public roads.

Manufactured in the UK
by SEM Engineering Ltd

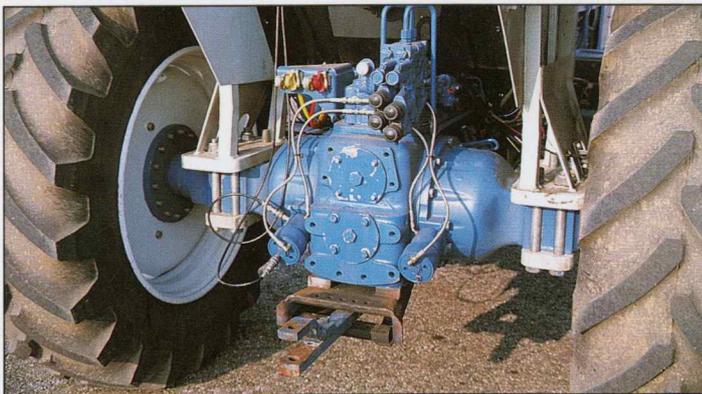


Built for the rough

The key to the high speed capability of the County HSH140 is the SEM designed front axle and fully floating suspension system. This isolates the vehicle from the serious effects of high speed travel over rough and unmetalled surfaces. On made up roads, the suspension absorbs and prevents dangerous cyclical bouncing and tramping making large payloads in well designed bulk trailers an economic reality.

Particularly suitable for sugar cane haulage the HSH140 offers processors and transport operators a heavily engineered, tropicalised motive traction vehicle. It is equally at home in a temperate climate boosting haulage capacity by dramatically speeding up journey times.

A massive 220 litre fuel tank holds more than enough for a full day's long distance work. The HSH140 is rugged and easy to maintain.



Wide range of applications:

**Sugar Cane
Timber
Grain
Sugar beet**

**Forage Crops
Perishable Crops
Civil Engineering
Industrial / mining**

Powered by a 7.5 litre Ford "Powerstar"™ direct injection turbo charged diesel engine driving an 8 x 2 constant mesh transmission (six speed Power Shift

with torque converter an option) the County HSH140 is capable of high train weights and speeds of up to 50 kph for prolonged periods.

Technical Specifications:

Dimensions:

Length 4130mm
Width 2380mm
Height 2780mm
(to top of ROPS)
Wheel Base 2710mm
Ground clearance
-Front axle 460mm
-Rear axle 580mm

Engine:

Ford "Powerstar"™ 7.5 litre, direct injection, turbo charged, vertical exhaust, hand and foot throttle.
Power 104Kw
Max. torque (1400rpm) 537nM
Rated Engine 2100rpm
Bore 111.8mm
Stroke 127.0mm

Cooling system:

Water cooled, heavy duty, tropical system.

Transmission:

Floor shift 8 x 2 Constant mesh with safety start device.
Option: 6 speed Power Shift transmission with torque converter.

Clutch:

Heavy duty single cerametallic plate.
Clutch diameter 330.2mm

Steering:

Hydrostatic
Turns lock to lock 4.1
Turning radius 4120mm

Front axle:

Fully floating suspension with coil springs over shock absorbers, control rods and panhard rod.

Rear axle:

High speed in-board planetary gears. Spiral bevel crown wheel and pinion. Electrically operated Diff. lock.

Brakes:

Air over hydraulic brake system, single foot pedal, electrically operated parking brake, spring operated emergency brake and air operated trailer brake.

Air Compressor system:

Wabco single cylinder 144cu cm. direct drive.
Large capacity reservoir, instrument cluster low pressure warning light.

Wheels and tyres:

Front, 12.00x22.5 XZY Michelin Radials.
Rear 18.4 x 34 M27 Michelin Radial heavy duty side-wall.
Rear wheel heavy duty rimmed section and disc, 14 bolt fixing with flange reinforcements.

Hydraulics:

Transmission mounted gear pump output (@ 2100rpm) 35.2l/min
Option: Rear mounted auxiliary gear pump, Twin line delux remote valves.

Capacities:

Engine Oil 20.9 litres
Transmission & rear axle oil 62 litres
Cooling system 20.0 litres
Fuel tank 220 litres

Standard equipment:

Four post ROPS with roof
Heavy duty Front Nudge Bar

Your dealer:

County

SEM ENGINEERING LTD
Swinborne Road
Burnt Mills Industrial Estate
Basildon
Essex SS13 1EF
UNITED KINGDOM

Telephone + 44 (0)268 590099
Fax +44 (0)268 590147



Manufactured in the UK
by SEM Engineering Ltd

"County" is the registered trade name of, and licenced from County Tractors Ltd.