

Huge savings

Carrier Drill is two machines in one! It can be used to carry out both powerful soil tillage and precise drilling and can thus replace several machines on the farm. In this way, the farmer can reduce both the amount of bound capital and the labour and diesel requirements on the farm.

Here is a comparison of the costs of a common conventional machine system and a Carrier Drill.

Conventional system:

- 135 hp tractor
- 5-furrow plough
- 4 m power harrow/seed drill combination

Assumptions

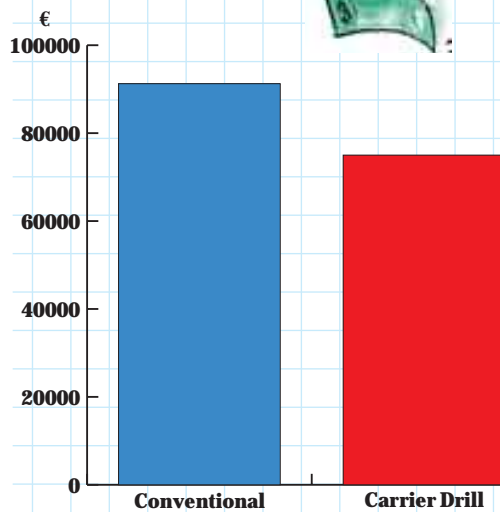
Crop rotation: Cereal and oilseed

Area: 200 ha

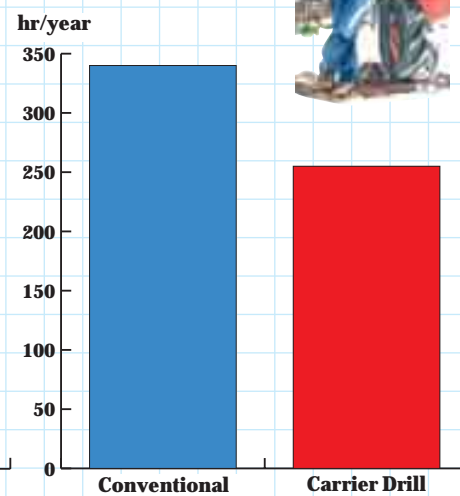
Carrier Drill system:

- 135 hp tractor
- Carrier Drill 300

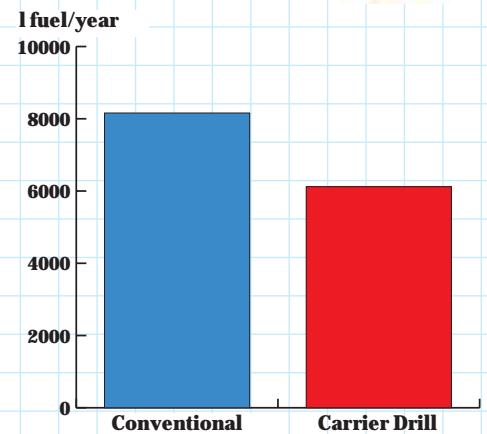
Save capital!



Save time!



Save fuel!



Capital

With Carrier Drill, the capital investment is 16 250 € lower than with the conventional system. The annual cost of financing the machinery (incl. depreciation and interest) thus decreases by 2200 €, which represents a reduction of more than 15%.

* Depreciation period for tractor set at 10 years, for other equipment 5 years. Interest set at 5%.

Time

Conventional system

- Ploughing
- Drilling with power harrow combination

Carrier Drill system

- Soil tillage Carrier Drill
- Spraying
- Drilling with Carrier Drill
- Rolling

The Carrier Drill system brings a saving of 85 hours/year, i.e. 25% of the current labour requirement.

Fuel

We assumed that the 135 hp tractor used 24 litres of diesel per hour when working at full capacity. The Carrier Drill system means a saving of 2000 litres of diesel per year (85 hours x 24 l/hr=2040 l).



Summary

The Carrier Drill system saves:

- 85 manhours/year
- Around 2000 litres diesel/year
- Approx. 2200 €/year in capital costs
- The total saving is approx. 5600 €/year (incl. capital costs, diesel, labour, maintenance and repairs)