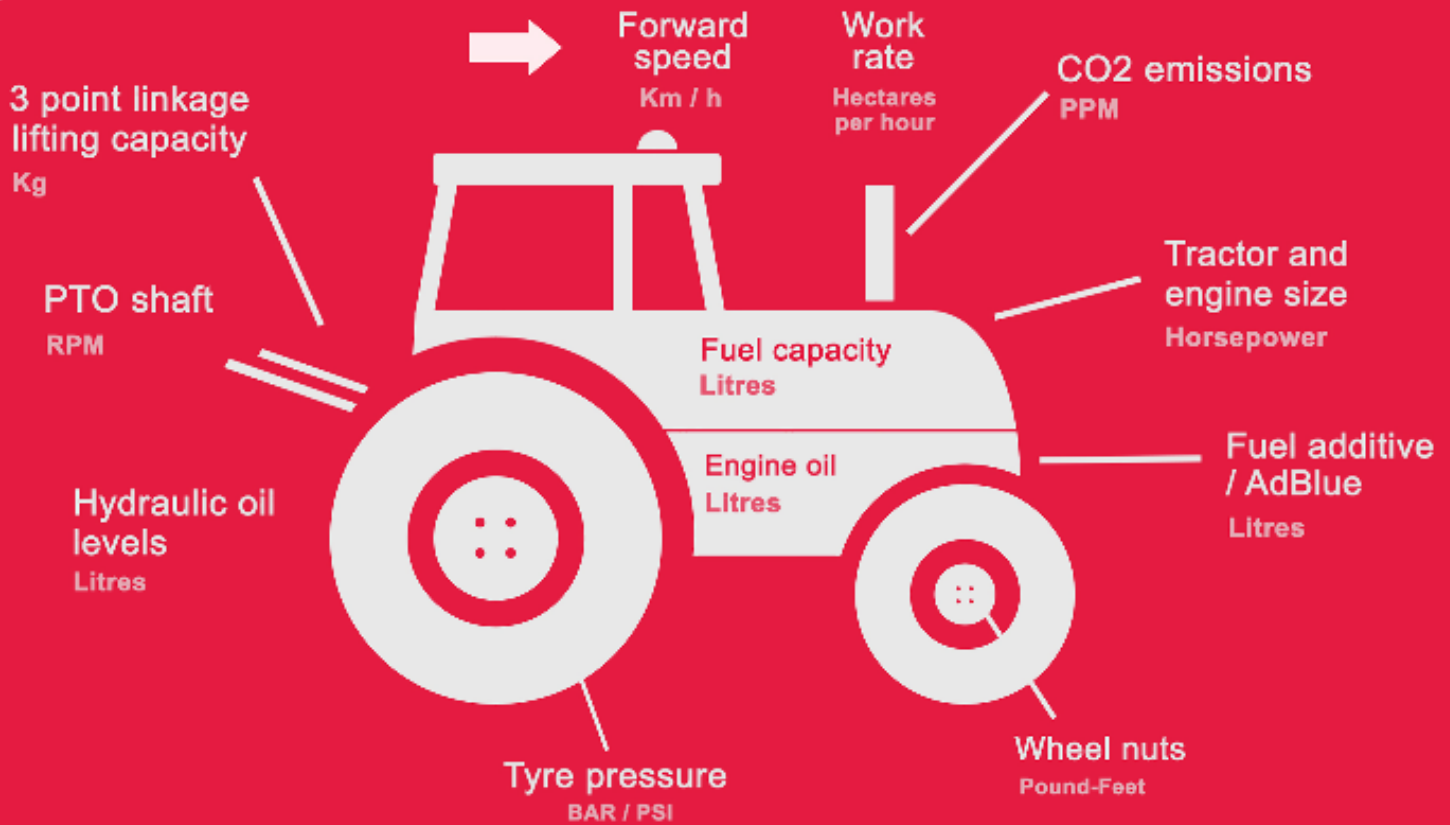


Exploring Careers Through Technical Routes

Woodland officer



The Industry

Trees, woods and forests make an important contribution to preserving and enhancing the natural environment. Tractor driving and maintenance is an essential part of woodland skills.

Other specialist areas you could work in include:

- Habitat establishment and maintenance
- Machinery skills
- Forestry and tree care practice
- Fencing and brick and block work
- Planting and establishment of trees and shrubs
- Preparation of woodland areas
- Coppice work
- Crosscutting and stacking, sawmilling and timber processing.

Find out more information

Royal Forestry Society

<http://www.rfs.org.uk/starting-out/working-in-the-uk-forestry-sector/>

Skills and Requirements

1. Most important is to

- Develop good knowledge and basics of tractor maintenance and driving as well as being commercially aware and customer focused.

2. What this means

- Being safe around a tractor
- How to maintain a tractor
- How to drive the tractor safely.

3. The skills you should develop

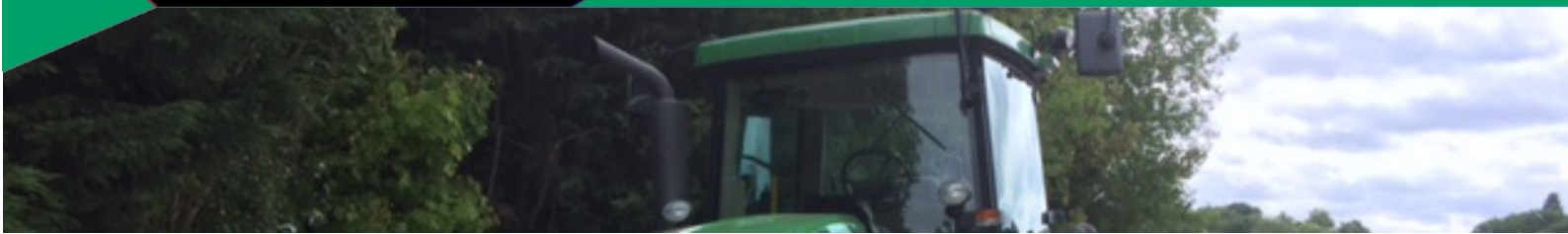
- Ability to follow instructions
- Work using your own initiative
- Reliability, flexibility and adaptability
- Practical skills for the maintenance of tractors
- Driving and working with machinery.

If you have passed your driving test you can drive an agricultural tractor without having to do a test (category F).

There are about 10 million tractors in use across the world, with most employed in agriculture. The word tractor comes from the Latin word "trahere" which means to pull.

Exploring Careers Through Technical Routes

Working as a woodland officer



Job Roles & Progression

Volunteering is a great way to gain extra skills and knowledge in tractor driving and maintenance.

Study Programme

Level 1

Woodland Skills to develop basic practical skills as an introduction into woodland and tree care industries.



Further study

Level 2

Tractor Driving.

Levels 2 and 3

Forestry or Arboriculture.



Career roles

This introductory course leads on to further education. It also sets a basis for future employment in the arboriculture and woodland industries.

Calculation including problem solving

Tasks

1. Work out the costs of filling the tractor's tank using the price charged for the diesel at the local garage and the capacity of the tank.
2. Work out the perimeter of a field before starting fence checks.
3. Work out the time needed to complete the fence checks of the field.

Links to L1 Functional skills maths

1. Solving problems

N/L1.4 Use multiplication facts.

SMP/L1.1 Read, understand and use mathematical information and mathematical terms used at this level.

2. Measure, shape and space

MSS/L1.5 Calculate the perimeter of simple shapes.

3. Measure, shape and space

MSS/L1.3 Convert between units of length and time.

Communication, all forms

Tasks

1. Understand what each of the tractor parts do.
2. Observe a garage mechanic fixing a problem with your tractor so you can learn how to do it yourself.
3. Read the manual to understand instructions for operating a tractor in preparation for your first driving session.

Links to L1 Functional skills English

1. Reading

R/L1.1 Identify and understand the main points, ideas and details in texts.

R/L1.9 Read and understand a range of specialist words in context.

2. Speaking, listening and communicating

SLC/L1.2 Make requests and ask relevant questions to obtain specific information.

3. Reading

R/L1.5 Use reference materials and appropriate strategies (e.g. using knowledge of different word types) for a range of purposes, including to find the meaning of words.