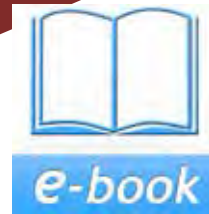


LEARNER **GUIDE**



Dozer

TICKET



Training support material for:
RIIMPO323E
Conduct civil construction
dozer operations

Produced by:



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Introduction to Dozers



Introduction to dozers

A dozer is a self-propelled tracked or wheeled purpose designed machine with a blade mounted at the front end. You use a bulldozer to move rocks, tree stumps and earth.

There are two types of dozers:

Tracked/crawler dozers are the most powerful and compact. But, they are slow, tracks wear quickly, they can damage concrete and are more difficult to transport between jobs.

They are best to use on uneven and slippery surfaces because they have the best traction.



Rubber tyre dozers are four-wheel-drive and can articulate.

They are stable and comfortable on firm level ground but are not good in the mud.



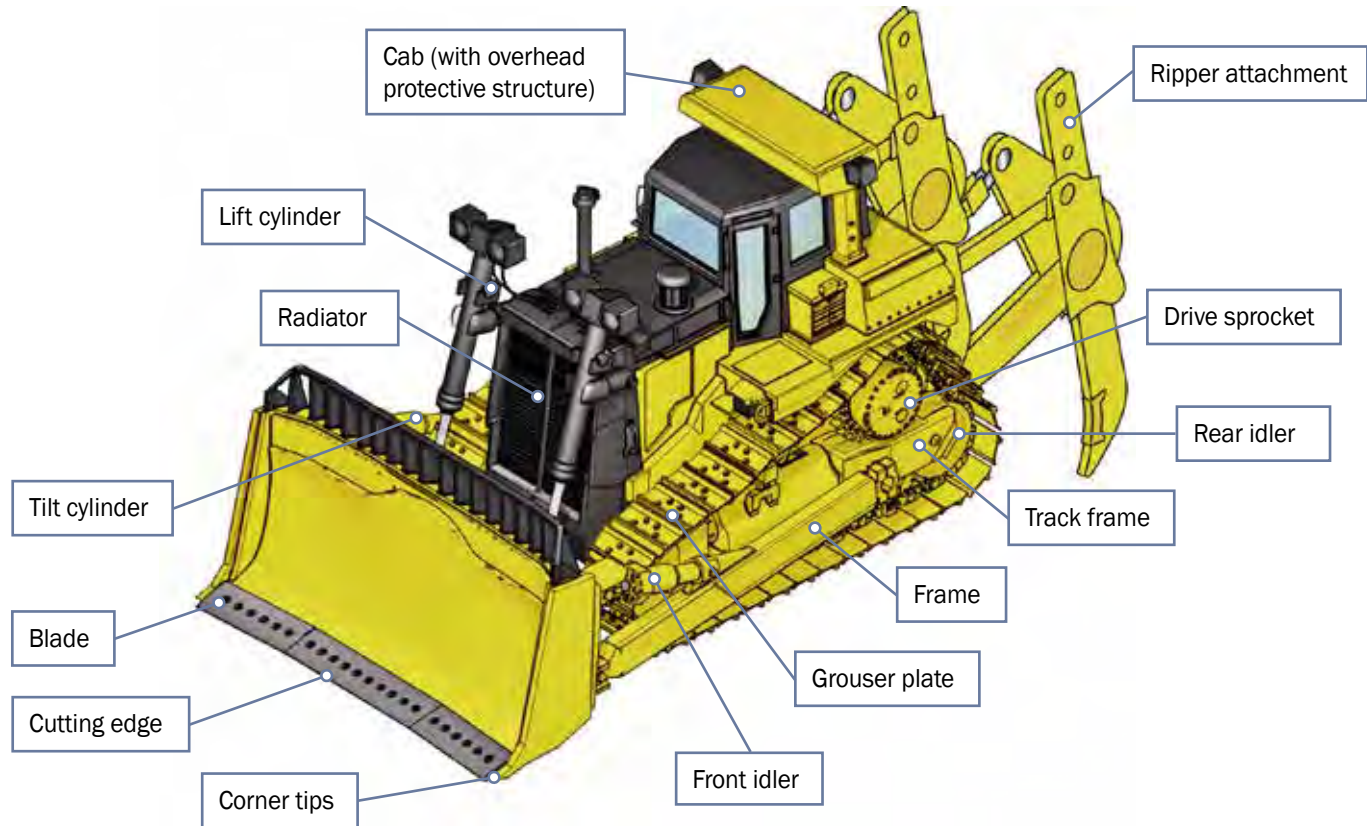
What industries do you use a dozer in?

- Civil construction
- Quarrying
- Mining
- Waste



An example of a dozer

A dozer, also called a bulldozer, is a tractor with a blade at the front. The blade can lift up or down, tilt and rotate. You use a bulldozer to move rocks, tree stumps and earth.



Plan and prepare for dozer operations

Element 1



QUESTION 9

What do the job's work instructions explain?

Work instructions explain:

What to do in unexpected situations like bad weather

Where the job is

What the job is



How to do the job safely

How long the job will take

What tools and equipment you need

How to do the job from start to finish

Earthmoving site hazards

Checking for underground services

You should always check where services are before you start work. You may phone '**Dial before you dig on 1100**'. You may look at the site plan or talk to your supervisor. You may need to look at the location of pits and meters to get an idea of where the services run. You may need to check with the local council or service company. You may even need to get underground detection equipment.

If you hit a service line, contact the provider immediately. You may need to organise to get the service disconnected while a qualified person fixes the problem.

You can sometimes tell there are services below by the types of ground. Some services are surrounded by a different type of soil, rock or sand.

You may notice that the soil is looser, or does not match the soil around where you are digging. There may be a line of tape alerting you to the services.

If you suspect there are services underground, stop working. Check the ground. You may need to excavate the area by hand, or dig in another area.



QUESTION 23

What does the safety plan tell you?

The safety plan tells you how the worksite intends to meet all the safety rules. It tells you:

What personal protective equipment (PPE) to wear



...CONTINUES ON NEXT PAGE

QUESTION 23**...CONTINUED FROM PREVIOUS PAGE**

What does the safety plan tell you?

How to use tools, plant and equipment safely



Emergency procedures and exits



How to park safely and where to park



Control hazards and risks

