



Doosan DX 140 Tracked Excavator

Readypower Rail Services has invested in modern civil machines to work alongside the RRV fleet on rail projects. We have had this fantastic 15 tonne excavator built with bespoke features which make it absolutely ideal for working in a railway environment.

The machine is built compact so it turns within its own track frame giving it zero tail swing. It is fitted with a Prolec PME 500 computer system which limits slew and height enabling it to work in tight lineside environments. The Prolec system is also an Safe Load Indicator enabling it to lift as well as excavate.

The Doosan DX 140 runs on a modern tier 4 engine so is extremely environmentally friendly and able to work in any Low Emission Zone. It is a perfect machine for your rail project.

Productivity: State-of-the-art bucket and arm digging forces.

Reliability: Reinforced castings and forged steel pivot points and reinforced heavy-duty arm and boom to withstand high-impact materials. Large, robust boom and arm cylinders for smooth, powerful operation. Advanced pin & bushing technology.

Safety: Rear camera and large side mirrors, powerful lighting, & anti-slip steps and platforms. Guard rails on upper structure.

Special applications: Two-piece boom and dozer blade configurations are ideally suited for special applications. Additionally, rubber pads are available as option - ideal for urban applications with their low ground disturbance.

Easy-to-use attachments: Set flow & pressure of the auxiliary lines directly from the control panel. Additionally, 10 pre-sets are available to record specific settings.

Comfort: One of the most spacious cabs in the market, with low noise & vibration levels and excellent all-round visibility. Fully adjustable heated air suspension seat, air conditioning with climate control as standard.

Controllability: Exclusive jog shuttle switch, 4 work & 4 power modes, proportional control, user-friendly 7" TFT LCD colour monitor.

Power: Exceptionally powerful - with high torque at low revs - the Stage IV compliant Perkins engines are free from Diesel Particulate Filter (DPF) and associated regeneration system for more fuel efficiency.

Efficient fuel management: The Perkins engine allows up to 55 % saving. A new SPC [Smart Power Control] system, combined with settable engine shut-off, provides an additional reduction of up to 5%.

Electric fan clutch: For optimum cooling, fan speed is controlled electronically by a fan clutch, resulting in lower fan noise and better fuel efficiency.

Advanced filtration: Highest efficiency filters & cleaners remove water, dust & particles to protect your investment optimally.

Easy maintenance: Easy access to all compartments. Maintenance data directly available from control panel.

Undercarriage durability: Forged steel and deep-hardened top rollers - oil-lubricated rollers - heat-treated sprocket - deep-hardened, heat-treated, grease lubricated & longer life track chains.

Weight

	Shoe width [mm]	Operating weight [t]	Ground pressure [kgf/cm ²]
Triple grouser	600 (Std)	15.4	0.39
	500	15.1	0.46
	700	15.5	0.34
Rubber	500	15.1	0.46

