



Second-hand tractor buying checklist

Documents

- Vehicle documents and service book
- Valid warranty documents
- Check the nameplate and chassis number if suspicious
- Check for any outstanding finance or if it has been stolen – HPI

Tyres and wheels

- Age and profile of the wheels, including if they look porous or cracked
- Even tread/track wear
- Pay close attention to flat spots if the vehicle has been parked for an extended period
- Same type of tyres on one axle
- Any rim damage
- Wheel attachment for weights

Gearbox

- Higher, frequently used gears can be shifted and synchronised during normal operation while driving
- Grinding during steering
- Differential lock engages and disengages
- Functional rear and/or front power take-off
- PTO shaft condition
- Unusual noises
- Clean gear shifting
- Check lifting mechanism if suspicious
- Intact hydraulic pump, hoses and cylinders

Electrical systems

- Functional lighting system with no damaged lights
- Test all electrical elements

Second-hand tractor buying checklist (continued)

Engine and battery

- Check for leaks in the engine
- Abnormalities when idling
- Unusual noises when starting (check alternator and battery condition)
- Optimal running in cold and warm conditions
- Noticeable exhaust formation or colouration
- Maintenance of the battery
- Emission control – have the DPF filters been replaced?

Oils and liquids

- Check for oil leaks
- Check liquid levels (engine oil, coolant, hydraulic oil, servo oils, gearbox)
- Sufficient grease used

Cabin and visibility

- Condition of the driver's seat
- Functional heating, ventilation and air conditioning
- Display indicators working
- Cab frame free of cracks and fractures
- Noise generation when cabin closed (seals)
- Front and rear windows free of damage (no cracks or stone chips)
- Windscreen wipers fully functional
- Mirrors working and undamaged

Economic efficiency

- Tank volume and fuel consumption should correspond
- Spacious tool box available and easily accessible
- Consider any follow-up costs (repairs, insurance, services etc.)
- Any parts missing (upper link, additional weights, link balls)

Other and overall condition

- Check for signs of frequent repairs
- Proof that spare parts and accessories are originals
- Check rubber parts and hoses for kinks and seal tightness
- Regular maintenance and customer service visits
- No corrosion or rust penetration
- Any unusual alterations to paintwork
- Accessories included in the offer are present and ready for viewing on site
- Acceptable clearance for the front axle and ball joint