

Protech P220 Technical Report



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We have prepared this technical report giving some extra details of the P220 post driver. They have been categorised into the following:

1. Ground undulation
2. Driver weight and cap plate
3. Build quality

1 - Ground Undulation



The P220 drives in straight posts on any uneven ground. The crown of the telehandler can tilt the mast angle forward or back, while side tilt ram can move the mast left or right (35° either side from vertical). You also have the telescopic function of the telehandler to reach awkward spots such as fencing across a ditch. No matter what height of post the full length of the mast and driving impact can always be used by simply lifting or lowering the machine. These functions make our P220 much more versatile than any rear mounted post driver at a considerably lower price.

2 - Drive Weight and Cap Plate



The P220 has a 250kg driving weight made from 300mm diameter bright drawn steel bar. Below the weight is the cap plate which has small spikes attached to stop the post from twisting and splitting. You can also see a closer view of the side tilt ram and large pivot bush.

3 - Build Quality



Protech prides itself on quality throughout the whole company. All parts, on all models are fully welded for extra strength and to prevent rusting (a common problem with stitch welding). All steel plates are laser cut for precision and to provide hardened edges to reduce wear and stretching.