



The Magic of the Earth Turner

Adal Arman



Peter stands at the edge of the golden valley, watching the morning mist cling to the sleeping fields. He knows that before the seeds can sleep in the earth, the soil must be awakened and turned through primary cultivation. This process of plowing will crumble the heavy layers and prepare a perfect bed for the new crop.



With a steady hand, Peter guides his tractor as the plow's moldboard body lifts the heavy soil. It twists the dark earth like a ribbon, burying old weeds and crop residues deep underground where they can't hurt the new plants. By turning the layer, Peter also hides away pests that might want to nibble on his future harvest.



Inside the great barn, Peter keeps a variety of specialized plows, from sharp ploughshares to heavy-duty discs and chisels. He explains that general-purpose plows are perfect for old arable lands, while special ones handle unique challenges. Each machine connects to his tractor in its own way, whether it is trailed behind or mounted directly to the hitch.



Peter leans down to inspect the sturdy frame where all the working parts of the plow are carefully attached. He points out the ploughshare that cuts the soil horizontally and the moldboard that lifts it up to be crumbled. The field board stays pressed against the furrow wall, making sure the plow moves in a straight, stable line.



The coulter and the knife work like precision tools, making clean vertical cuts along the furrow's edge. Peter adjusts them carefully to ensure the top layer of sod is thrown to the very bottom of the trench. These small but vital parts ensure the plow moves smoothly and the soil is turned with perfect uniformity.



Across the wide expanse, Peter practices smooth plowing with a reversible plow, moving back and forth without leaving any ridges or deep furrows. The field looks like a giant, dark mirror, perfectly leveled and ready for the first spring rain. This careful technique ensures the land is flat and easy for other machines to travel over later.



When he reaches the edge of the marshy woods, Peter switches to a specialized disc body designed for heavy, root-filled ground. These spinning steel circles cut through tough obstacles and waterlogged soil where a normal plow might get stuck. Peter knows that having the right tool for the right soil is the secret to being a master farmer.



To help the deep roots find hidden water, Peter uses a subsoiler to break the hard, compacted layer beneath the surface. This deep tillage shatters the 'plow sole,' allowing the earth to breathe and drink from the groundwater below. Even though it's hard work, it ensures the plants will stay strong even during the hottest summer days.



Back on the flat yard, Peter carefully measures the distance between the skimmers and the main bodies with a long ruler. He knows that even a few centimeters of adjustment can make the difference between a messy furrow and a masterpiece of cultivation. Precision in the workshop leads to perfection in the field.



As the sun dips below the horizon, Peter looks back at the neatly turned rows of rich, dark earth. The fields are finally ready to embrace the seeds, promising a season of growth and a golden harvest to come. He pats his trusty plow, knowing that the bond between man, machine, and soil is the heart of the farm.