

A grate bar (10) for mounting in arrays of adjacent grate bars in a pallet car of a sintering or pelletizing machine, wherein the grate bar (10) comprises an elongate crossbeam (12) extending in a longitudinal direction of a horizontal plane, with a middle section (20) between two opposite end sections (16, 18). The crossbeam (12) has a generally rectangular cross-section with an upper surface (22) for receiving bulk material thereon, an opposite lower surface (24), and peripheral surfaces (28, 30) for facing adjacent grate bars. The crossbeam (12) further comprises two legs (14) to vertically secure the grate bar (10) to the pallet car. The end sections (16, 18) of the crossbeam (12) comprise first interlocking means (38), the first interlocking means (38) being shaped and arranged such that they cooperate with first interlocking means of grate bars of a neighbouring row of grate bars; thereby limiting relative translations of two neighbouring grate bars in at least a vertical and a horizontal orientation. The first interlocking means (38) have a triangular cross-section in a horizontal plane.