

The invention relates to a stacking device for a machine for processing sheets, especially a sheet printing machine. Said device can be displaced between a first stacking position (02) and a second stacking position (03), and comprises carriers for a pallet receiving the stacked sheets in the first stacking position (02) and the second stacking position (03). The inventive device also comprises transport units (14, 16, 18) for transporting the pallets (09, 21) from each stacking position (02, 03) to a single pile of pallets (11), and for stacking the pallets (12, 19) in the pile of pallets (11).