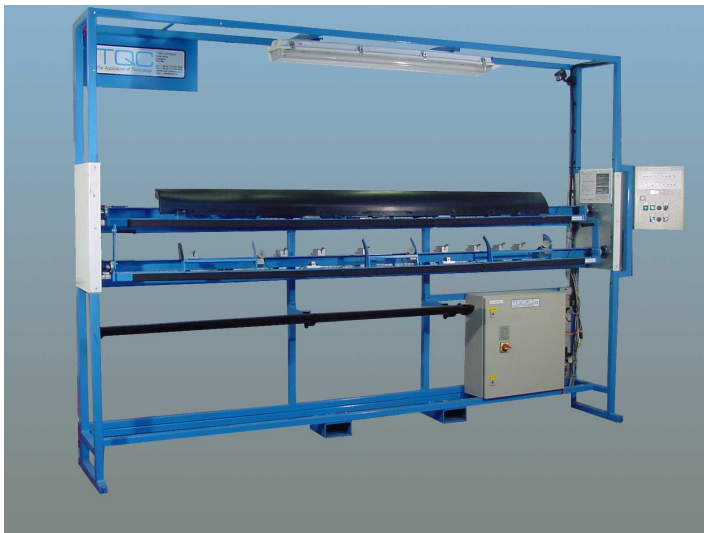


# Bumper Assembly & Check Fixture



## Assembly & Clip Detection

Other machines have been produced for checking the presence of manually inserted clips into automotive body trim mouldings.

The operator loads the mouldings onto the fixture and fits the clips using a special application tool. Left hand and right hand parts are handled simultaneously on the same machine.

## Assembly with Length Check & Clip Detection

Further checks can be carried out for tolerance on the length of the moulding.

Only if the moulding is within limits will the machine allow the operator to rotate the plastic moulding to gain access to fit the clips.

On completion of checking, a label is printed that the operator applies to the moulding prior to unloading.

