30.3 FORK GRAB

MAIN FIELDS OF APPLICATION

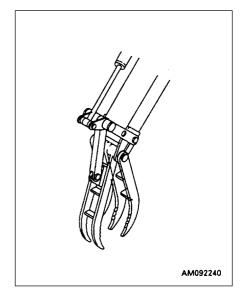
- Disposing of industrial waste
- Disposing of demolition waste

This can be used for a wide range of work including collecting or loading demolition waste materials and debris, timber, grass.

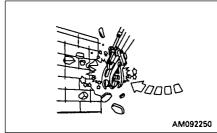
MISTAKEN METHODS OF USE

To ensure that the machine has a long life, and to ensure that operations are carried out in safety, do not operate the machine in any of the following ways.

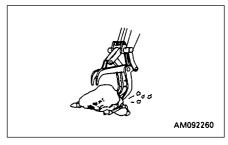
• Do not operate the cylinder to the end of its stroke. Always leave approx. 5 cm to spare.



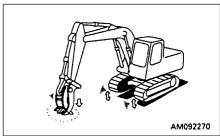
Operations using the swing force



Operations using one side of work equipment



Pushing fork into ground surface to jack up and change direction of machine



Impact operation with no load



30.4 GRAPPLE BUCKET

MAIN FIELDS OF APPLICATION

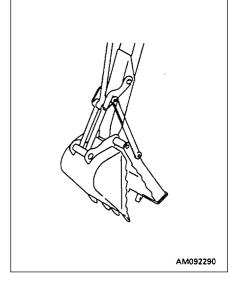
- Demolition
- Disposing of industrial waste

This bucket is widely used for demolition including breaking-up work, grading and digging, clean-up work after natural disasters, dumping industrial waste, and forestry work, etc.

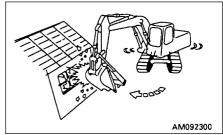
MISTAKEN METHODS OF USE

To ensure that the machine has a long life, and to ensure that operations are carried out in safety, do not operate the machine in any of the following ways.

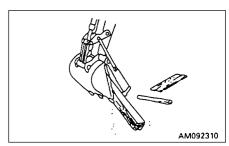
Do not operate the cylinder to the end of its stroke.
Always leave approx. 5 cm to spare.



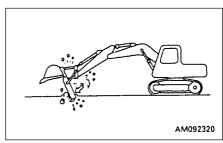
Operations using the swing force



Grabbing an object using buckets on only one side



Closing the sub-bucket with the boom and arm fully extended



Impact operation with no load

