

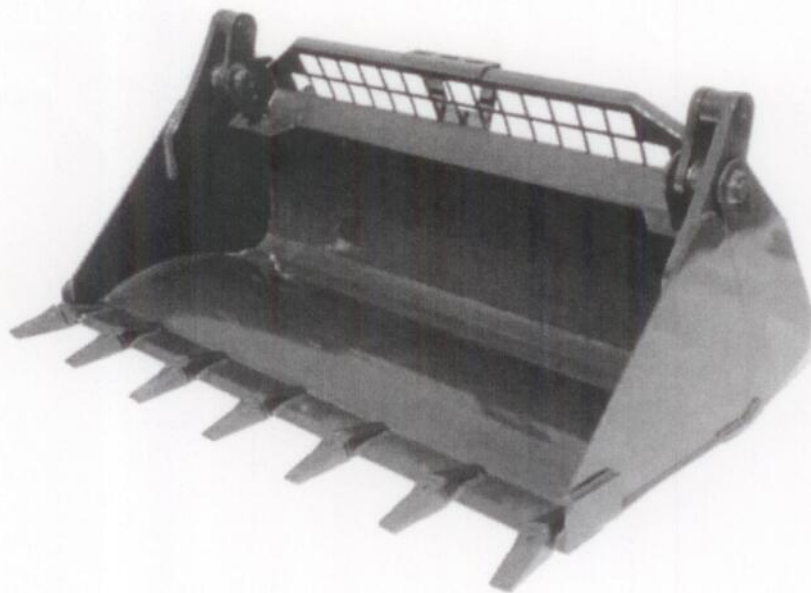


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RISK ASSESSMENT

For

Combination Bucket



Version 1

CONTENTS

Applicability

Standards referenced in the preparation of this document

Risk Assessment (1 pages)

APPLICABILITY

The following Risk Assessment document is applicable to the Combination Bucket attachment models:

45"
48"
54"
61"
68"
74"
80"
85"

STANDARDS REFERENCED

The following Standards, Acts and Regulations were referenced in the preparation of this Risk Assessment.

- NOHSC: 1010 (1994) - National Standard for Plant
- OHS Act 2000 (NSW)
- OHS Regulation 2001 (NSW)
- Workplace Health and Safety Act 1995 (Queensland)
- Workplace Health and Safety Regulation 1997 (Queensland)
- AS2359.6 (1995) – Powered Industrial Trucks – Safety Code
- AS4360 (2004) – Risk Management
- ISO/WD 3691-1 (1999) – Industrial Trucks – Safety Requirements and Verification
- EN1459 (1999) – Safety of Industrial Trucks

Risk Assessment - Combination Bucket

Subject: Daken Combination Bucket for a Compact Loader

Hazard	Risk	Level	Control
Plant machinery not compatible with attachment	Injury to operator/bystander - excessive pressure	Medium	Use correct attachment and work procedures. Refer to owners manual
Attachment not secured in place	Injury to bystander - attachment may fall off	Medium high	Refer to operators manual - Make sure attachment has been connected correctly
Obstructions overhead - low branches, wires, cables	Crush and/or electric shock injuries	Medium	Inspect and become familiar with surroundings before starting
Obstructions - underground rocks	Operator frustration increases risk of injury	Medium	Continually inspect site before and while work is being completed
Obstructions - underground (e.g. electricity, gas)	Electric shock, gas explosions, fire	Medium high	Inspect area and check with local authorities for service location
Tip over due to excessive weight in attachment	Tip over causing bystander crush injury	Medium	Use appropriate bucket for material to be handled refer to owners manual
Bystander collision	Poor visibility causing collision	Medium	Only proceed when a full grasp of surroundings is known and all bystanders are clear
Moving bucket manually	Back injury	Medium	Only use plant equipment to move bucket, refer to owners manual
Connecting bucket	Crush injury to body and/or limbs	Low	Only use proper techniques outlined in owner manual
Leaving bucket in air with load	Crush injury to persons who walk under or near	Medium	Only leave bucket in the fully lowered position
Attachment becomes hot due to sun	Burns to operator	Low	Use gloves if need be, when connecting/disconnecting bucket
Person rides in/on bucket	Fall, crushed under machinery	Low	Bucket not designed to carry people, operator must never allow persons to ride on/in bucket
Sharp edges	Minor abrasions and cuts	Low	Take care when moving in the vicinity of the bucket or making adjustments
Protrusions - Buckets with teeth	Impaling body or limbs, knocks and bruises	Medium	Only proceed when a full grasp of surroundings is known and all bystanders are clear
Hydraulic leakage under pressure while hot	Burns to operator/bystanders	Low	Burst bag covers main hydraulic lines
Hot hydraulic fluid while disconnecting attachment	Burns to hands, eyes and/or body	Low	Relieve pressure in hydraulic lines before disconnecting, refer to owners manual
Closing of combination bucket	Body or limbs getting severed	Medium	Area near combination bucket must be kept clear of people while in operation
Open bucket while operator disembarks	Minor abrasions and cuts	Low	Close bucket and place on ground before disembarking
Manoeuvring with open bucket	Poor visibility causing collision with object or bystander	Medium high	Only proceed when a full grasp of surroundings is known and all bystanders are clear

Hierarchy of Control

1. Elimination
2. Substitution
3. Isolation
4. Engineering Control
5. Administrative Control
6. PPE