



# Dump Trailer



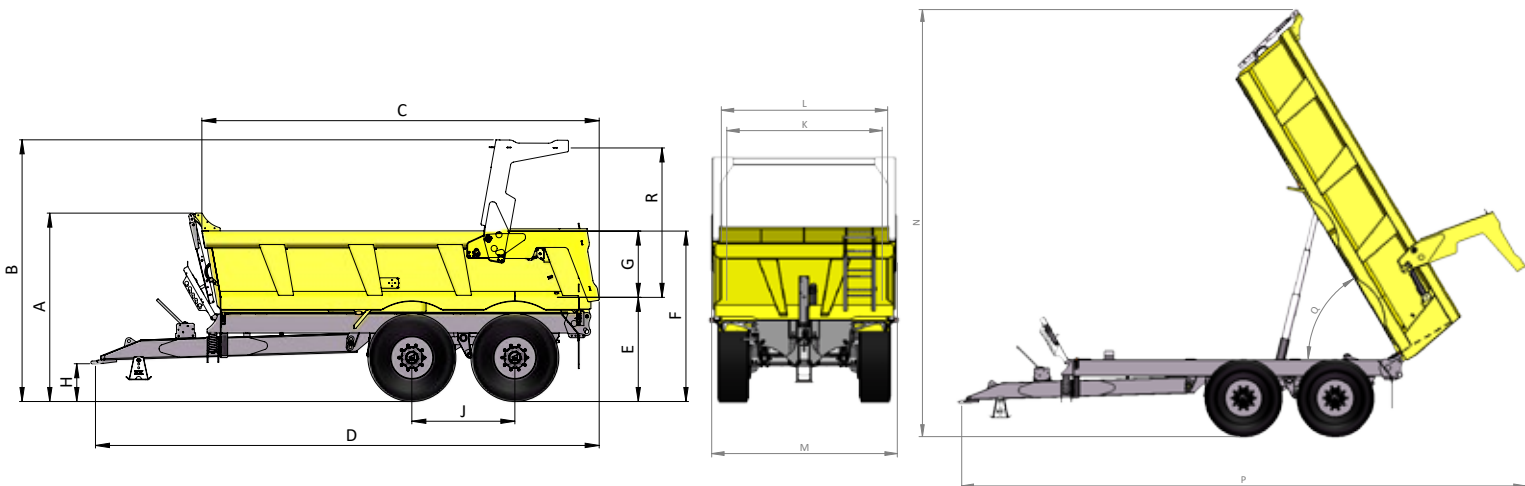
## Standard Spec:

- 20T carrying capacity
- Box section chassis design
- Heavy duty body with 10mm floor, 6mm sides and heavy duty floor runners
- Hydraulic up and over rear door with built in safety valves
- Height adjustable sprung drawbar c/w heavy duty EN16 towing eye
- 10-stud high speed commercial axles
- Hydraulic brakes
- Mono leaf parabolic suspension at wide centre for maximum stability
- Recessed and guarded rear lights to eliminate damage
- Ratchet handbrake
- Full R.T.A LED lights with progressive indicator
- Galvanised access ladder
- Rear mudflaps
- Front, side and rear reflective tape
- 445/65 R22.5 Wheels

## Optional Extras Specific to this Trailer:

- 12mm Floor
- 8mm Hardox Floor
- 5mm Hardox Sides
- Full width Rear Mud Flap
- Mudflaps in front of Wheels

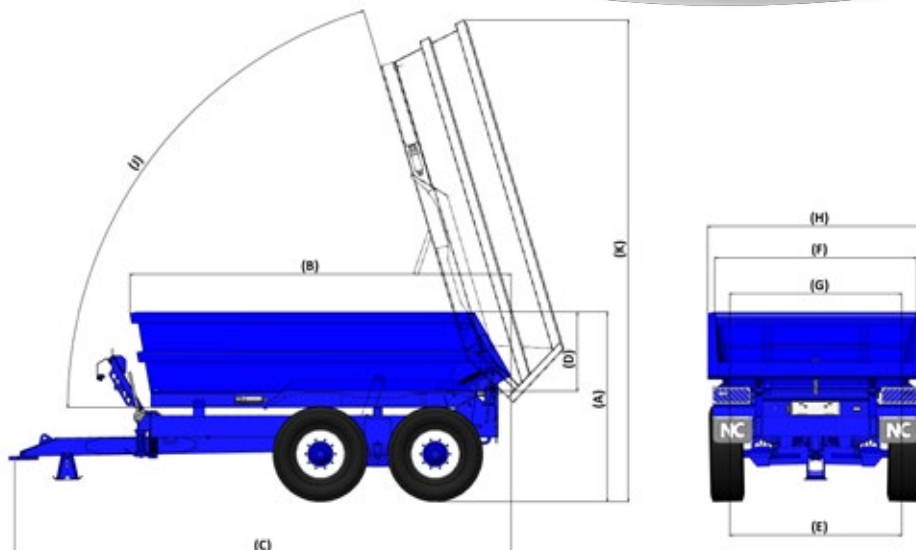




200 Series		
	Units	220 (20T)
Overall Height (Transport Position) (A)	m	2.49
Overall Height (Rear Door Open) (B)	m	3.46
Body Length incl. Rear Door (C)	m	5.25
Overall Length (From Centre of Towing Eye) (D)	m	6.65
Height of Floor (E)	m	1.38
Height of Top of Side (F)	m	2.25
Floor to Top of Side (G)	m	0.88
Height of Towing Eye (H)	m	0.50
Axle Centres (J)	m	1.36
Width of Floor (K)	m	2.19
Internal Body Width at Top of Side (L)	m	2.35
Overall Width (M)	m	2.62
Max. Height when Tipped (N)	m	6.33
Overall Length when Tipped (P)	m	8.35
Tipping Angle (Q)	°	60
Floor to Underside of Open Door (R)	m	1.97m
Oil Required to Tip	L	31.1
Number of Axles	Qty.	2
Floor Thickness	mm	10
Side Thickness	mm	6
Volume	m <sup>3</sup>	10
Drawbar	Type	Sprung
Axles	Type	127mm 10 Stud
Suspension	Type	Tandem Springs
Hydraulic Brakes	Type	420x180
Slack Adjusters	Type	Yes
Tyres	Type	445/65 R22.5

- Available in 12 – 20 tonne carrying capacities
- Patented tail- door design enables the Dump Trailer to be used with or without the tail-door in operation, without the need for hydraulics
- Side panels manufactured from 5mm thick steel and supported by a continuous horizontal bulge bar to ensure excellent strength to weight ratio
- Body pivot hinge designed to ensure maximum height of discharge. Higher pivot point for easy stockpiling
- Wider and lower construction for better stability and ease of loading with rubber tyred or mini track excavators
- Body can be scraped clean using 6ft (1.8m) bucket

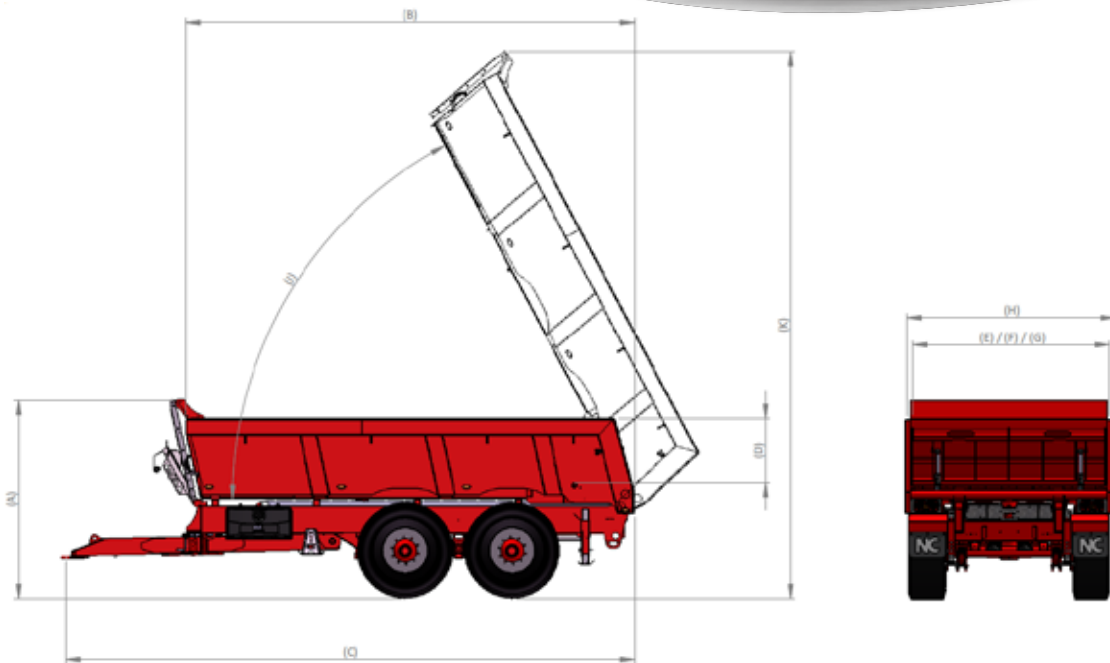




300 Series								
	Units	312 (12T)	314 (14T)	316 (16T)	320 (20T)	320 On 560/60 R22.5	320 On 650/55 R26.5 (Narrow Chassis)	320 On 710/50x26.5 (Narrow Chassis)
Overall Height (A)	m	2.08	2.15	2.22	2.38	2.43	2.56	2.56
Body Length (B)	m	4.19	4.34	4.38	4.78	4.78	4.78	4.78
Overall Length (C)	m	5.40	5.54	5.54	5.94	5.94	5.94	5.94
Floor to top of side (D)	m	0.74	0.82	0.92	1.02	1.02	1.02	1.02
Width of floor (E)	m	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Inside body width at top side (F)	m	2.26	2.28	2.32	2.36	2.36	2.36	2.36
Inside body width at bottom side (G)	m	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Overall width (H)	m	2.46	2.46	2.46	2.55	2.66	2.58	2.69
Tipping Angle (J)	°	73	73	73	72.5	72.5	72.5	72.5
Max height when tipped (K)	m	5.45	5.49	5.58	6.00	6.05	6.18	6.18
Oil required to tip	Litres	26	26	26	41	41	41	41
Number of axles	Qty	2	2	2	2	2	2	2
Floor Thickness	mm	8.00	8.00	8.00	8.00	8.00	8.00	8.00
Side Thickness	mm	5.00	5.00	5.00	5.00	5.00	5.00	5.00
Volume	m <sup>3</sup>	5.70	6.30	7.20	9.00	9.00	9.00	9.00
Draw Bar	Type	Sprung	Sprung	Sprung	Sprung	Sprung	Sprung	Sprung
Axles	Type	80mm 8 Stud	90mm 10 Stud	100mm 10 Stud	127mm 10 Stud	127mm 10 Stud	127mm 10 Stud	127mm 10 Stud
Suspension/Bogie	Type	Oscillating Bogie	Oscillating Bogie	Oscillating Bogie	Tandem Springs	Tandem Springs	Tandem Springs	Tandem Springs
Hydraulic Brakes	Type	350x60	400x80	400x80	420x180	420x180	420x180	420x180
Slack Adjusters	Type	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Tyres	Type	385/65 R22.5	385/65 R22.5	385/65 R22.5	445/65 R22.5	560/60 R22.5	650/55 R26.5	710/50 R26.5

- Available in 12–20 tonne carrying capacities
- Hydraulic rear door, folding flat to floor
- Side panels manufactured from 5mm thick steel and supported by a horizontal and vertical bulge bars to ensure excellent strength to weight ratio
- Option of 4 metre aluminium ramps with maximum carrying capacity of 6950 kgs on 12-16T models and 4.5 metre aluminium ramps with maximum carrying capacity of 12000 kgs on 20T model
- Storage trays for aluminium ramps integrated into the chassis
- 4 floor hooks inside body for securing loads for safe transportation (eg Mini Digger)
- 6mm Hardox Floor

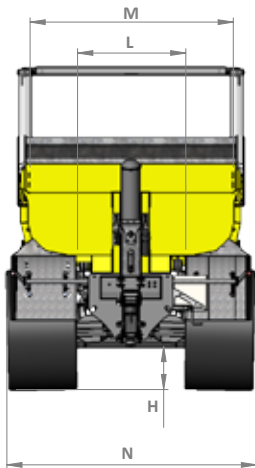
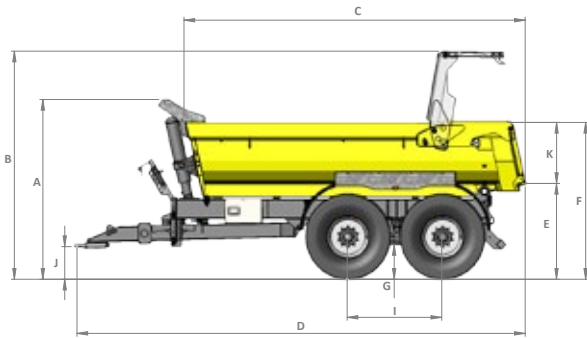




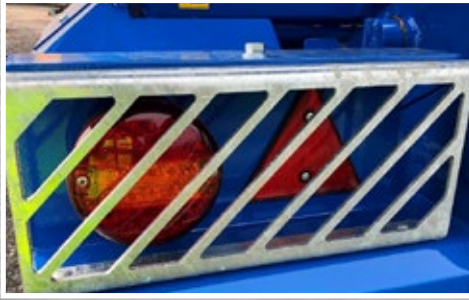
600 Series					
	Units	612 (12T)	614 (14T)	616 (16T)	620 (20T)
Overall Height (A)	m	2.11	2.17	2.20	2.42
Body Length (B)	m	4.96	4.97	4.97	5.49
Overall Length (C)	m	6.34	6.34	6.34	6.95
Floor to top of side (D)	m	0.57	0.64	0.72	0.78
Width of floor (E)	m	2.40	2.40	2.40	2.40
Inside body width at top side (F)	m	2.40	2.40	2.40	2.40
Inside body width at bottom side (G)	m	2.40	2.40	2.40	2.40
Overall width (H)	m	2.54	2.54	2.54	2.54
Tipping Angle (J)	°	67	67	67	62
Max height when tipped (K)	m	6.09	6.14	6.22	6.66
Oil required to tip	Litres	20	28	28	44
Number of axles	Qty	2	2	2	2
Floor Thickness	mm	6 (Hardox - 450)	6 (Hardox - 450)	6 (Hardox - 450)	6 (Hardox - 450)
Side Thickness	mm	5.00	5.00	5.00	5.00
Volume	m <sup>3</sup>	5.90	6.70	7.50	9.00
Draw Bar	Type	Sprung	Sprung	Sprung	Sprung
Axles	Type	80mm 8 Stud	90mm 10 Stud	100mm 10 Stud	127mm 10 Stud
Suspension/Bogie	Type	Oscillating Bogie	Oscillating Bogie	Oscillating Bogie	Tandem Springs
Hydraulic Brakes	Type	350x60	400x80	400x80	420x180
Slack Adjusters	Type	Yes	Yes	Yes	Yes
Tyres	Type	385/65 R22.5	385/65 R22.5	385/65 R22.5	445/65 R22.5

- 25T carrying capacity
- Fabricated heavy-duty chassis
- BPW bogie suspension
- Central greasing system
- Rubber mount cushioned drawbar
- Heavy duty park brake
- Galvanised hose & electric cable rack
- Hydraulic bulkhead connections through chassis
- Heavy duty single hydraulic ram
- Body safety prop (galvanised)
- Heavy duty hinges with greasing points
- Hydraulic brakes on all wheels
- LED low energy lights
- Galvanised covers on taillights
- Stainless Steel lockable toolbox
- 800/45 x 26.5 wheels
- Heavy duty galvanised mudguards
- Dual acting rear hydraulic door
- Heavy duty galvanised front stone guard
- Swivel hitch (heavy duty)
- Lugs on drawbar for safety chains
- Rear underrun safety protection
- Hardox 450 body





900 Series		
	Units	Metric m
Overall Height (Transport Position) (A)		2.95
Overall Height (Rear Door Open) (B)		3.74
Body Length incl. Rear Door (C)		5.59
Overall Length (From Centre of Towing Eye) (D)		7.35
Height of Floor (E)		1.57
Height of Top of Side (F)		2.57
Bogie Ground Clearance (G)		0.57
Rear Underrun Ground Clearance (H)		0.5
Axle centres (I)		1.55
Height of Towing Eye (J)		0.53
Floor to Top of Side (K)		1.00
Width of Floor (L)		1.25
Internal Body Width at Top of Side (M)		2.35
Overall Width (N)		2.96
Max. Height when Tipped (P)		6.62
Overall Length when Tipped (Q)		8.69
Tipping Angle (R)	deg	55°
Oil Required to Tip		43.5 litre
Number of Axles	Qty.	2
Floor Thickness	mm	6
Side Thickness	mm	6
Volume	m <sup>3</sup>	11.3
Drawbar	Type	Cushioned and Adjustable
Axles	Type	150mm 10 Stud
Suspension	Type	Oscillating Bogie
Hydraulic Brakes	Type	410 x 226mm
Slack Adjusters	Type	Yes
Tyres	Type	800/45 R26.5
Unladen weight	Type	7365kgs



**LED Lights and Galvanised Guards**



**Sprung Drawbar Complete with Galvanised Parking Stand**



**Robot Welded Rocking Bogie**



**Ratchet Park Brake**



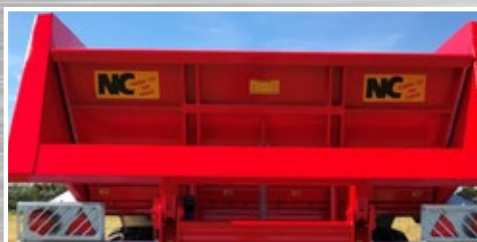
**Body Safety Prop**



**600 Series Ramp Storage**



**Automatic Weight Transfer System  
(Manual version Standard on 20 Tonne)**



**Magic Tail Door**

# Options



**Hardox Body**



**Adjustable Hitch**



**Weld on Stone Guard**



**Powerbrake**



**Galvanised Bolt on Stone Guard**



**Hydraulic Jack**



**Galvanised Ladder  
(300 Series)**



**Front to Rear Cover**



**Swivel Hitch**



**Galvanised Extension Sides**



**Air & Hydraulic Brakes or Air Only Brakes**



**Galvanised Mudguards**

## Optional extras

### 200 Series only -

12mm Floor  
8mm Hardox Floor  
5mm Hardox Sides  
Full width Rear Mud Flap  
Mudflaps in front of Wheels

### 300 Series only -

10mm floor  
12mm floor  
6mm Hardox floor  
8mm Hardox floor  
6mm sides  
8mm sides  
6mm Hardox floor and 4mm Hardox sides  
8mm Hardox floor and 6mm Hardox sides  
Stone guard (bolt-on or weld-on)  
8" extension sides (bolt-on)  
Galvanised mudguards  
Galvanised light brackets  
Weight transfer rams (standard on 20 Tonne)  
Weight transfer rams indicator  
Front ladder

### 600 Series only -

4m long Aluminium ramps rated to 9650kg/pair  
8mm Hardox floor  
5mm Hardox sides

### Optional extras (All Dump Trailers) -

10 Stud axles (400x80 brake) on 12 Tonne  
420x180 high speed axles  
Tandem springs c/w high speed axles  
Front to rear cover (Electric or Hydraulic)

Toolbox (Steel or plastic)  
Rear tow hitch c/w light socket  
Folding tow hitch c/w light socket  
Rear under run protection  
Spray suppression in-lieu of standard mudflaps  
Side impact protection  
¾" tipping hose in-lieu of standard

### Brakes -

Dual air/hydraulic  
Air only brakes  
Hydraulic loadsensing (suspension only)  
Air loadsensing (suspension only)  
12-volt ABS c/w susie (requires high speed axles)  
Automatic slack adjusters (requires high speed axles)  
ABS ready kit (requires high speed axles)  
Cable breakaway  
Electric breakaway  
Eurosafe breakaway  
Powerbrake  
Hydraulic brake connection at rear  
Air brake connection at rear  
Premium red & yellow susies c/w handle grips (Dual or air brakes only)

### Electrics -

Reversing camera  
2 x rear LED work lights  
2 x rear LED work lights activated by switch as body tips  
Dual tail lights (Standard on 600 Series)  
LED flasher (2 loose wires or switch from side lights)  
LED control kit  
Side marker lights flashing as indicators

### Towing eye -

Swivel hitch  
Adjustable hitch (not available with swivel)  
K80 weld-on spoon  
K80 bolt-on spoon  
Bolt-on 50mm agricultural towing eye  
Bolt-on 50mm Commercial towing eye  
Towing eye locking system

### Other -

EU slow vehicle warning triangle  
Side and rear reflective tape  
Painted red, green or blue as standard. All other RAL colours available on request.  
Commercial screw jack  
Hydraulic jack  
Mudflaps on front of trailer  
Central greasing points for suspension and axles

## Wheels

Description	220	312	314	316	612	614	616	620	320	320 (Narrow chassis)	925
385/65 R22.5		Std	Std	Std	Std	Std	Std				
445/65 R22.5	Std	*	*	*	*	*	*	Std	Std		
560/45 R22.5		*	*	*	*	*	*				
560/60 R22.5 Alliance	*	*	*	*	*	*	*	*	*		
560/60 R22.5 BKT Ridemax	*		*	*	*	*	*	*	*		
650/55 R26.5										Std	*
710/50 R26.5 BKT										*	*
710/50 R26.5 Alliance 882										*	*
800/45 R26.5 BKT											Std

\*Due to their load rating 560/45R22.5 tyres are only suitable for use up to 40kph



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In accordance with our policy of continued development we reserve the right to alter specification and design without notice.