

VALTRA

Power Partner

Frontloaders





- Valtra 40
- Valtra 50
- Valtra 60
- Valtra 35
- Valtra 45
- Valtra 55
- Valtra 65
- Valtra 75
- Valtra 85

New Valtra Loaders

All Valtra front loaders are fitted at the factory and designed to ensure perfect compatibility with other Valtra accessories. The design of the loaders is functional and modern, offering a strong and elegant appearance in addition to great visibility. The custom built Valtra tractor fitted with a Valtra front loader is a functional, efficient and safe machine.

The strength of the loader beams is extraordinary – you can perform demanding and heavy loading jobs without hesitation. Valtra front loaders are operated with the proportional joystick controls on T and N models, which are integrated into the armrest of the tractor's seat. The classic models 6000 and A series use the loader's own control.

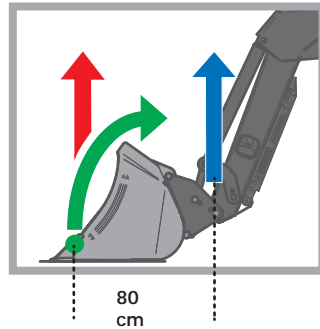




New Great Features

- New, more powerful subframe system
- Semi-automatic quick loader locking (Lock and Go)
- New strong beam design, width 70 mm
- Attractive, smart loader design
- Improved parallel linkage and stabilizer bar
- Hidden, protected hose routing in the beam
- Strong, curved cross tube
- Excellent visibility from the cab to the implement
- Unique, exclusive central valve (Compact Valve)
- Load shock absorber (SoftDrive)
- Improved position indicator
- New implement subframe – simply locking
- Automatic and safe implement lock (Click-on)

Non parallel linked loaders



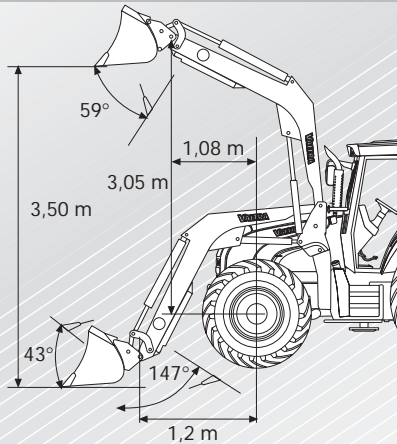
- Lifting force at arm centre
- Lifting force 80 cm from arm centre
- Tear-outforce 80 cm from arm centre



		Tractor series				Tractor's max weight kg	Tractor's max power hp/kW
		A	6000	N	T		
Loader	Valtra 40	•	•			4500	60-100/45-75
	Valtra 50		•	•		5200	80-120/60-90
	Valtra 60			•	•	6000	100-150/75-112

In addition to power and weight the tractor's use influence your choice of loader.

Valtra 40



WORKING ANGLES*

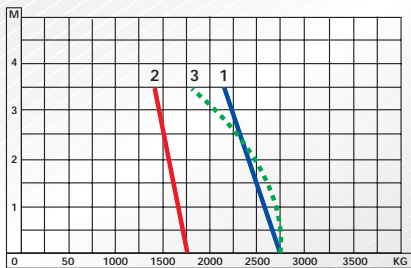
43° min. crowd angle | 59° min. dump angle

LIFT HEIGHT

3,75 metres at arm centre
3,50 metres under level implement*

LIFT TIME

5 seconds to max. lift height at 60 l/min

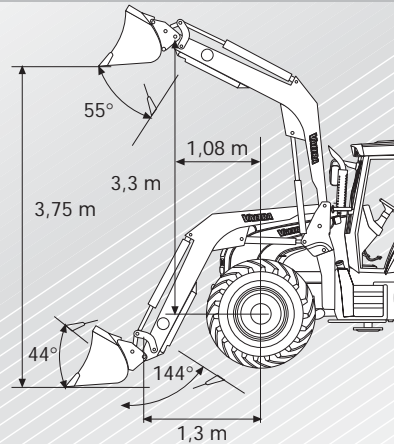


LIFT FORCE at 18,5 MPa

- 1: 2 700 kg at arm centre, ground level
2 200 kg at arm centre, max. lift height
- 2: 1 750 kg 80 cm from arm centre, ground level
1 650 kg 80 cm from arm centre, 1.5 m lift height
1 450 kg 80 cm from arm centre, max. lift height
- 3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 515 kg

Valtra 50



WORKING ANGLES*

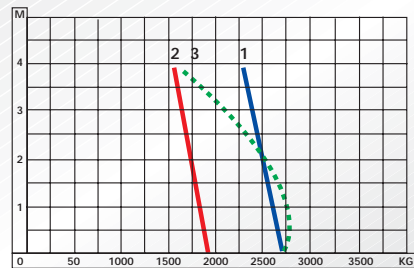
44° min. crowd angle | 55° min. dump angle

LIFT HEIGHT

4,00 metres at arm centre
3,75 metres under level implement*

LIFT TIME

6 seconds to max. lift height at 60 l/min

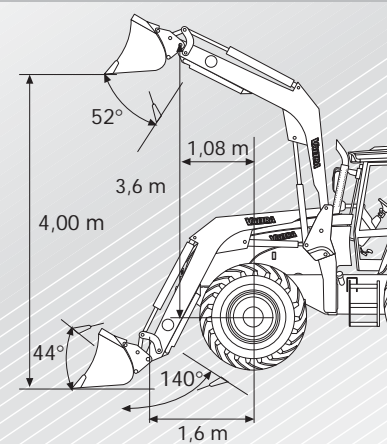


LIFT FORCE at 18,5 MPa

- 1: 2 800 kg at arm centre, ground level
2 300 kg at arm centre, max. lift height
- 2: 1 900 kg 80 cm from arm centre, ground level
1 800 kg 80 cm from arm centre, 1.5 m lift height
1 600 kg 80 cm from arm centre, max. lift height
- 3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 554 kg

Valtra 60



WORKING ANGLES*

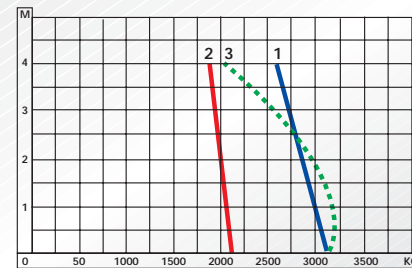
44° min. crowd angle | 52° min. dump angle

LIFT HEIGHT

4,25 metres at arm centre
4,00 metres under level implement*

LIFT TIME

7 seconds to max. lift height at 60 l/min



LIFT FORCE at 18,5 MPa

- 1: 3 100 kg at arm centre, ground level
2 600 kg at arm centre, max. lift height
- 2: 2 150 kg 80 cm from arm centre, ground level
2 050 kg 80 cm from arm centre, 1.5 m lift height
1 850 kg 80 cm from arm centre, max. lift height
- 3: Tear-out force 80 cm from arm centre

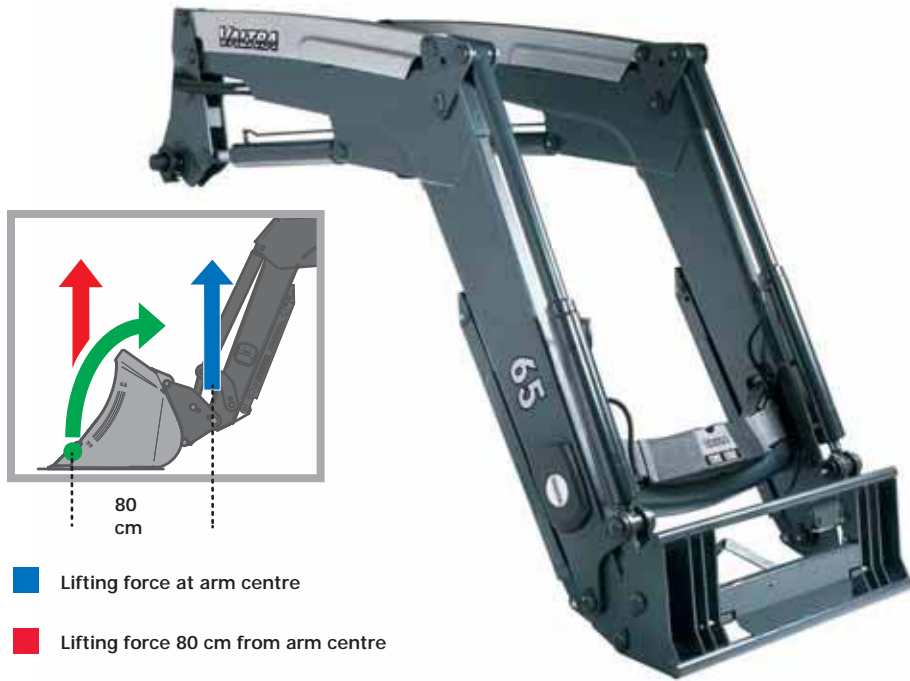
LOADER WEIGHT: 628 kg



* Varies depending on implement.

Specifications may change, all rights reserved. Tractors pictures in this brochure may be equipped with optional or additional equipments.

Parallel linked loaders

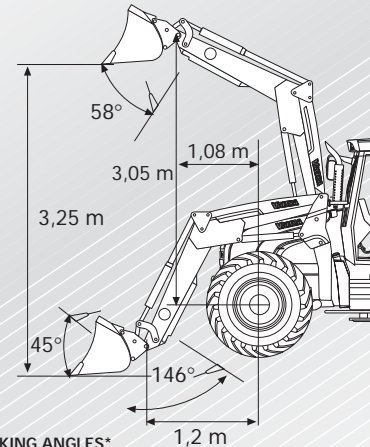


- Lifting force at arm centre
- Lifting force 80 cm from arm centre
- Tear-out force 80 cm from arm centre

		Tractor serie			Tractor's max weight kg	Tractor's max power hp/kW
		A	6000	N		
Loader	Valtra 35	•			4000	50-80/37-60
	Valtra 45	•	•	•*	4500	60-100/45-75
	Valtra 55		•	•	5200	80-120/60-90
	Valtra 65			•	6000	100-150/75-112
	Valtra 75				7000	120-190/90-142
	Valtra 85				9000	150-/112-

In addition to power and weight the tractor's use influence your choice of loader. *N91 – N121

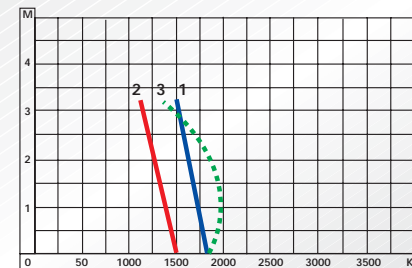
Valtra 35



WORKING ANGLES*
45° min. crowd angle | 58° min. dump angle

LIFT HEIGHT
3,50 metres at arm centre
3,25 metres under level implement*

LIFT TIME
3,5 seconds to max. lift height at 60 l/min

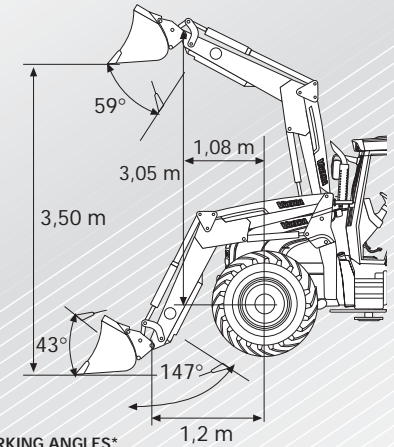


LIFT FORCE at 18,5 MPa

- 1 800 kg at arm centre, ground level
1 500 kg at arm centre, max. lift height
- 1 500 kg 80 cm from arm centre, ground level
1 400 kg 80 cm from arm centre, 1,5 m lift height
1 200 kg 80 cm from arm centre, max. lift height
- Tear-out force 80 cm from arm centre

LOADER WEIGHT: 521 kg

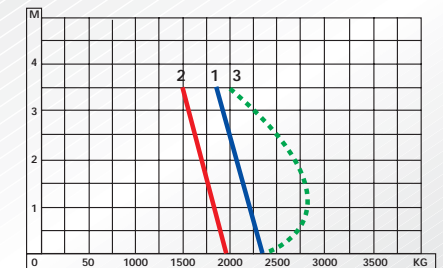
Valtra 45



WORKING ANGLES*
43° min. crowd angle | 59° min. dump angle

LIFT HEIGHT
3,75 metres at arm centre
3,50 metres under level implement*

LIFT TIME
4,5 seconds to max. lift height at 60 l/min



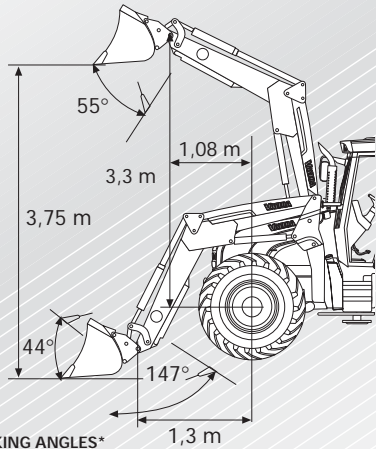
LIFT FORCE at 18,5 MPa

- 2 300 kg at arm centre, ground level
1 900 kg at arm centre, max. lift height
- 1 900 kg 80 cm from arm centre, ground level
1 750 kg 80 cm from arm centre, 1,5 m lift height
1 550 kg 80 cm from arm centre, max. lift height
- Tear-out force 80 cm from arm centre

LOADER WEIGHT: 585 kg

* Varies depending on implement.

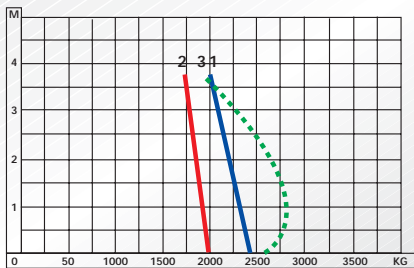
Valtra 55



WORKING ANGLES*
44° min. ground angle | 55° min. dump angle

LIFT HEIGHT
4,00 metres at arm centre
3,75 metres under level implement*

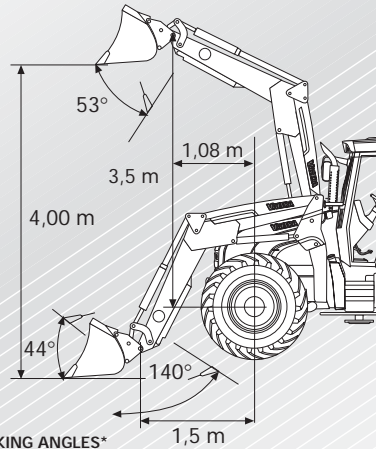
LIFT TIME
5 seconds to max. lift height at 60 l/min



LIFT FORCE at 18,5 MPa
1: 2 400 kg at arm centre, ground level
2 000 kg at arm centre, max. lift height
2: 2 050 kg 80 cm from arm centre, ground level
1 900 kg 80 cm from arm centre, 1.5 m lift height
1 700 kg 80 cm from arm centre, max. lift height
3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 621 kg

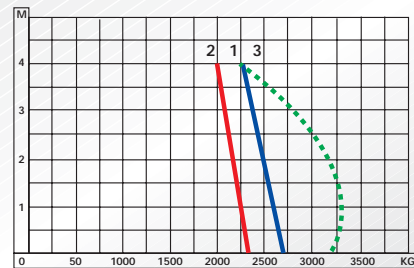
Valtra 65



WORKING ANGLES*
44° min. ground angle | 53° min. dump angle

LIFT HEIGHT
4,25 metres at arm centre
4,00 metres under level implement*

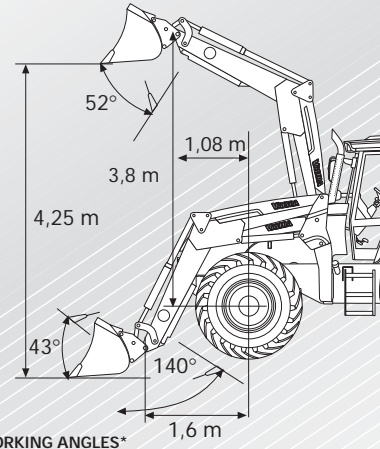
LIFT TIME
6 seconds to max. lift height at 60 l/min



LIFT FORCE at 18,5 MPa
1: 2 700 kg at arm centre, ground level
2 300 kg at arm centre, max. lift height
2: 2 300 kg 80 cm from arm centre, ground level
2 200 kg 80 cm from arm centre, 1.5 m lift height
2 000 kg 80 cm from arm centre, max. lift height
3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 721 kg

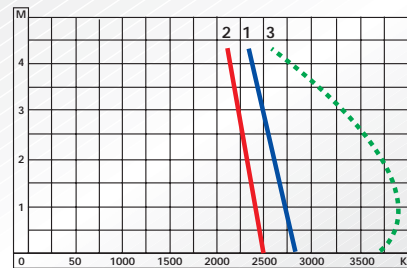
Valtra 75



WORKING ANGLES*
43° min. ground angle | 52° min. tyhjennyskulma

LIFT HEIGHT
4,50 metres at arm centre
4,25 metres under level implement*

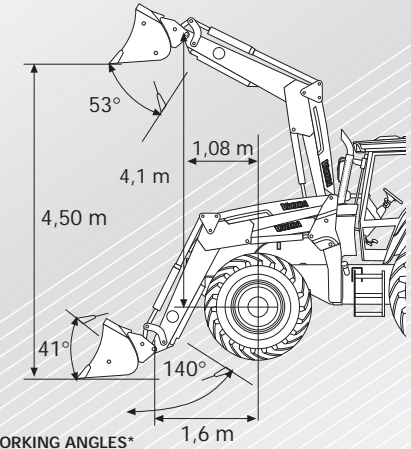
LIFT TIME
7 seconds to max. lift height at 60 l/min



LIFT FORCE at 18,5 MPa
1: 2 850 kg at arm centre, ground level
2 350 kg at arm centre, max. lift height
2: 2 500 kg 80 cm from arm centre, ground level
2 350 kg 80 cm from arm centre, 1.5 m lift height
2 100 kg 80 cm from arm centre, max. lift height
3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 760 kg

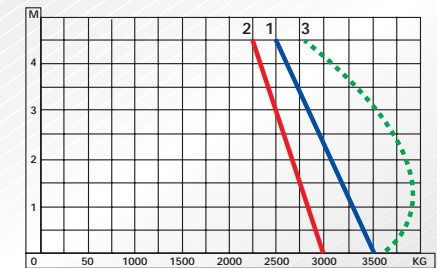
Valtra 85



WORKING ANGLES*
41° min. ground angle | 53° min. dump angle

LIFT HEIGHT
4,75 metres at arm centre
4,50 metres under level implement*

LIFT TIME
8,5 seconds to max. lift height at 60 l/min



LIFT FORCE at 18,5 MPa
1: 3 500 kg at arm centre, ground level
2 550 kg at arm centre, max. lift height
2: 3 000 kg 80 cm from arm centre, ground level
2 800 kg 80 cm from arm centre, 1.5 m lift height
2 250 kg 80 cm from arm centre, max. lift height
3: Tear-out force 80 cm from arm centre

LOADER WEIGHT: 808 kg

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1

1 Cross tube

The curved cross tube is situated towards the front of the loader, thus allowing excellent visibility and enough room for the Valtra front linkage. At the same time it is also possible to attach a larger loader closer to the cab, thus achieving better weight distribution for the tractor-loader unit and improving overall handling. The reinforcement plates between cross tube and the beam sides add to the strength and durability of the loader. Inside and behind the cross tube are hydraulic hoses, the centrally located distribution valve (Compact Valve) and the load damper (SoftDrive).

SoftDrive



2



3



4

2 SoftDrive load damper. SoftDrive significantly reduces stress on the tractor's chassis, axles, tyres and wheels. Also the front loader implements, bearings and arms are more protected, and driver comfort is improved. The SoftDrive unit is located inside the loader's cross tube, thus providing better protection for the accumulator and hoses.

3 Three control positions in SoftDrive: closed, open in both positions (damper up and down) or damper down only (for full power in the loader's downward movement). For more safety the loader can only be connected when resting on the ground. This prevents unexpected downward movements of the loader.

4 SoftDriveP. The bigger Valtra loaders are equipped with a progressive shock absorber, SoftDriveP. It can work at two different pressures: soft shock absorbing for driving with a light load and hard shock absorbing for heavier loads.



1



3



2



4



5



6



7

1 Loader beams

Valtra loaders offer great torsional and flexural rigidity. The loaders have double U-profile beams with 70 mm wide profiles. The welded joints are facing to the inside, which contributes to the loader's clear and smooth beam design. All hydraulic pipes and hoses are located inside the beam preventing them from dirt or damage.

2 Galvanised pins

All pins are galvanised and of great strength. The pins on the tool carrier all have a diameter of 40 mm, because they are under the greater stress there.

3 Toolbox

A practical toolbox is located inside the cross tube.

4 Greasing points

All greasing points face outwards and have removable covers, allowing for safe lubrication without spilling lubrication grease on bonnet, windows or clothes.

5 Implement indicator. The visibility from the tractor to the loader and the implement indicator is excellent. The compact position indicator is easy to use and adjust. There are three positions available for different implements and buckets.

6 Exact parallel linkage. The effective and precise parallel linkage keeps implements at the same angle from ground level to the maximum height. This ensures excellent handling of e.g. straw or pallets.

7 Lock and Go. The locking system provides a quick and safe way to connect and disconnect your loader to the tractor. The loader can be connected to the subframe with just a few simple operations without tools. Unlocking and lifting it off the subframe is just as simple. The sprung locked support legs can be handled also without any tools.



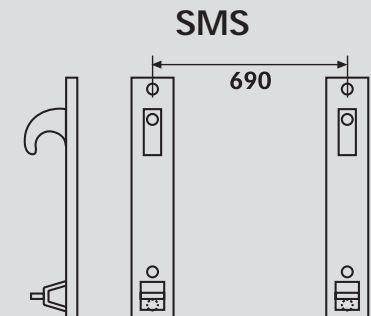
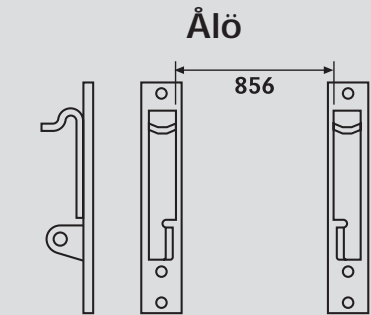
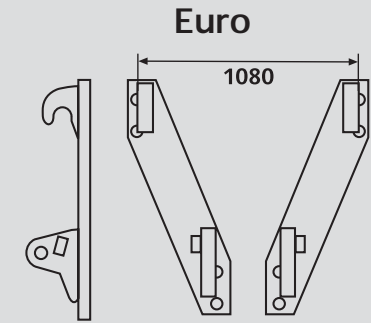
1 All important functions and connections are controlled in the centrally located distribution valve. The valve itself is located under the protective cover on the cross tube. When the driver operates the loader control, the valve directs the oil flow precisely and evenly into all cylinders also in cold winter time.

23 Valtra loaders are controlled using the tractor's own proportionally activated joystick integrated in the seat's armrest on the T and N models. Loader accessories and hydraulic implement locking are also controlled using the joystick. T series Classic models, 6000 and A series use the loader's own control (ErgoDrive ja ElectroDrive).

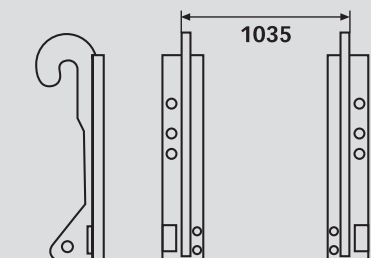


4 The cable controlled ErgoDrive offers the best possible positioning, close to the driver's seat.

5 ElectroDrive is used by a joystick. There is a wrist support, that reduces the risk of tiredness.



Volvo BM (stora)



(Only to 75 and 85 loaders)



2

1 Selecto Fix

All hydraulic couplings can be connected easily without the risk of oil leaks. Additionally, the fl at terminal blocks are easy to clean, reducing the risk of dirt getting into the tractor's hydraulic system.

2 Euro tool carrier

The Euro tool carrier is adapted for implements with Euro hooks, which is at the moment the most common attachment type in Europe. Valtra loaders can also be equipped with alternative couplings.

Hydraulic implement locking

With the help of an extra hydraulic function the implements can be locked from the driver's seat. The implement lock is connected to the hydraulics fourth service.

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