

VETTER-ERGOLINE[®]

The ergonomic workplace crane system



ALUMINIUM MEETS STEEL

Ergonomics newly conceived

Handling of loads up to 1,000 kg. Smooth operation and stability cleverly combined. Unprecedented ease of use. This is our VETTER ErgoLine® system. The gimballed, integrated VETTER trolley system is an innovation. Thanks to the perfect force transmission, it sets standards regarding ease of use. The VETTER ErgoLine® system is a true all-rounder among the workplace crane systems.

VETTER REINFORCING PROFILE

The VETTER reinforcing profile strengthens and stabilises the aluminium profiles and allows for higher spans and field lengths.

ADJUSTABLE CANTILEVER

The ErgoLine® system by VETTER is in modular design. The continuously adjustable cantilevers are quickly mounted to the supports and provide for easy installation without any efforts.

DIAGONAL SUPPORTS

The diagonal supports of the VETTER ErgoLine® system reinforce the structure providing utmost stability (required as from a total height of 4,300 mm).

HEIGHT-ADJUSTABLE SUPPORTS

No matter how high – our flexible, universally adjustable supports provide for quick delivery and easy commissioning of the ErgoLine® system on the spot.

CROSS BRACING

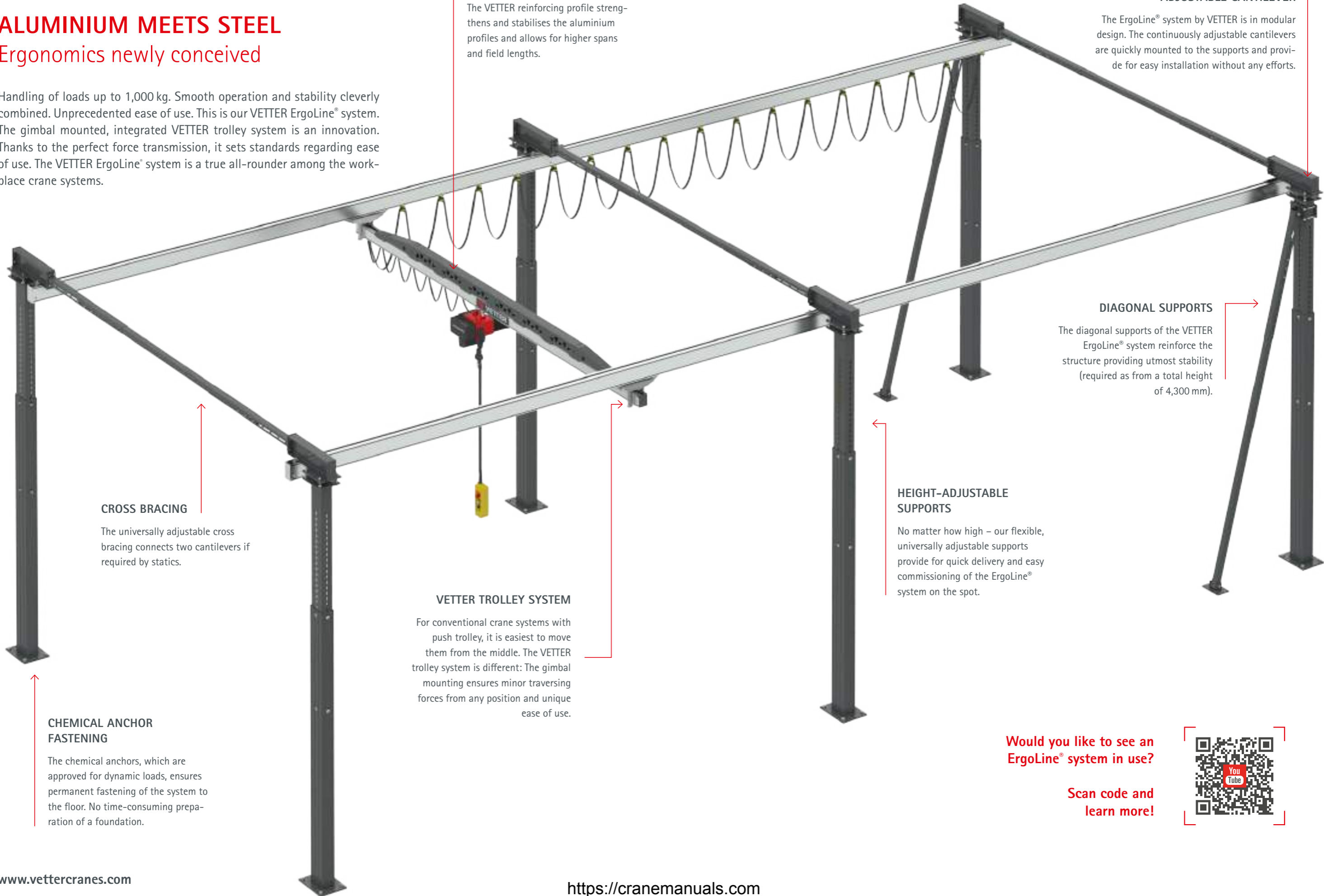
The universally adjustable cross bracing connects two cantilevers if required by statics.

VETTER TROLLEY SYSTEM

For conventional crane systems with push trolley, it is easiest to move them from the middle. The VETTER trolley system is different: The gimballed mounting ensures minor traversing forces from any position and unique ease of use.

CHEMICAL ANCHOR FASTENING

The chemical anchors, which are approved for dynamic loads, ensures permanent fastening of the system to the floor. No time-consuming preparation of a foundation.



Would you like to see an ErgoLine® system in use?

Scan code and learn more!



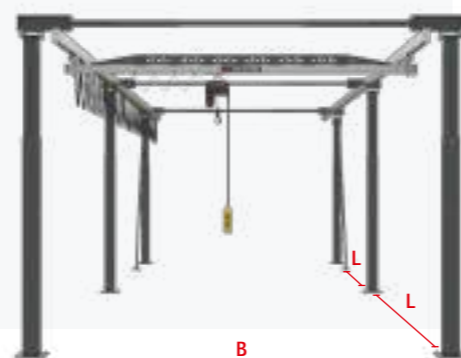


ADVANTAGES

- + Static load of hall is not affected
- + Crane rail length and span can be adjusted to the local conditions
- + Gimbal mounting for degrees of freedom in all directions and outstanding ergonomics
- + Ideally suited for linking several workplaces
- + Unprecedented ease of use through precise control of the end position
- + High-quality coating
- + Small footprint
- + Easy-inside-running trolley with incomparable handling and optimal traversing forces
- + Pillar height is adjustable

L B in m	3	4	5	6	7	7,5	8	8,5	9	9,5	10
80 kg	●	●	●	●	●	●	●	●	●	●	●
125 kg	●	●	●	●	●	●	●	●	●	●	●
250 kg	●	●	●	●	●	●	●	●	●	●	●
320 kg	●	●	●	●	●	●	●	●	●	●	●
500 kg	●	●	●	●	●	●	●	●	●	●	●
630 kg	●	●	●	●	●	●	●	●	●	●	●
800 kg	●	●	●	●	●	●	●	●	●	●	●
1.000 kg	●	●	●	●	●	●	●	●	●	●	●

- KEY DATA**
- Capacities up to 1,000 kg
 - Spans up to 10 m
 - Field lengths up to 10 m



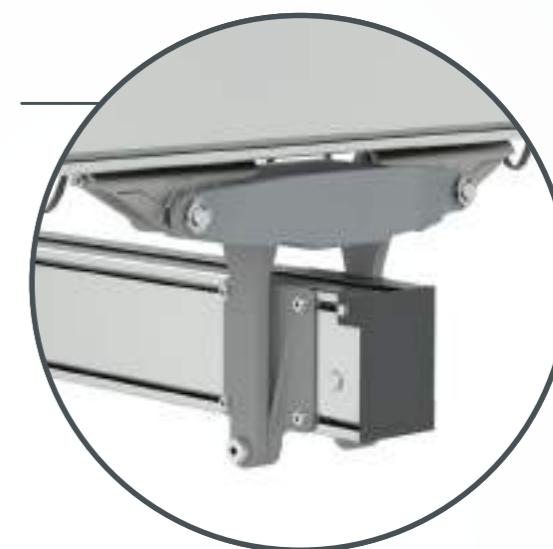
HIGHLIGHTS

Technical specification

01

VETTER TROLLEY SYSTEM

- The gimballed trolley can be rotated by approx. 30° around X and Z axes.
- The gimbal mounting ensures minor traversing forces from any position. The suspension hook of the crane beam is mounted in a ball element and can be pivoted. The crane beam itself is mounted by means of bolts. This is how degrees of freedom in all directions are given.



02

ADJUSTABLE CANTILEVER

- Exact adjustment of the crane runway by calibration between cantilever arm and pillar (±15 mm)
- Adapter plate prepared for cross brace

03

HEIGHT-ADJUSTABLE SUPPORTS

- Construction height adjustable from 3,000 to 5,400 mm in steps of 60 mm.
- Local differences in height can be compensated easily.
- During transport less loading space is required since the supports will be adjusted to the required length only on the spot.

04

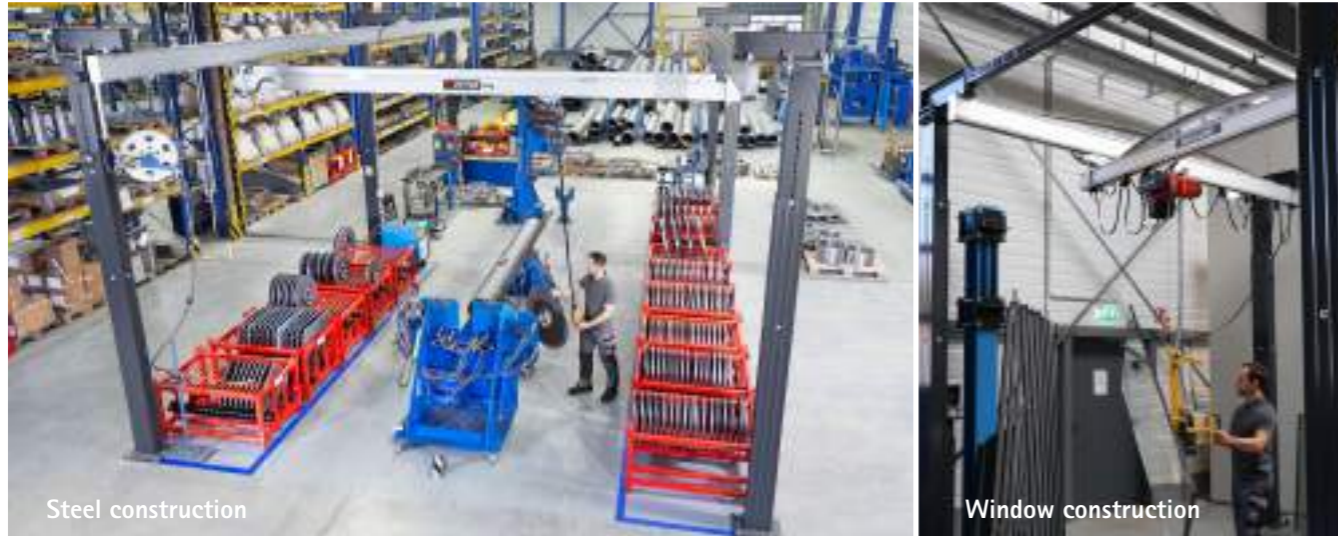
VETTER REINFORCING PROFILE

- Thanks to the combination of an aluminium profile with the VETTER reinforcing profile made of steel, the system features higher capacities and spans while being smaller in height.
- The VETTER reinforcing profile is necessary when certain parameters are exceeded. In case of combinations with smaller capacities/spans, the unreinforced profile is sufficient.
- Existing systems can be retrofitted to cover higher capacities and/or larger spans.



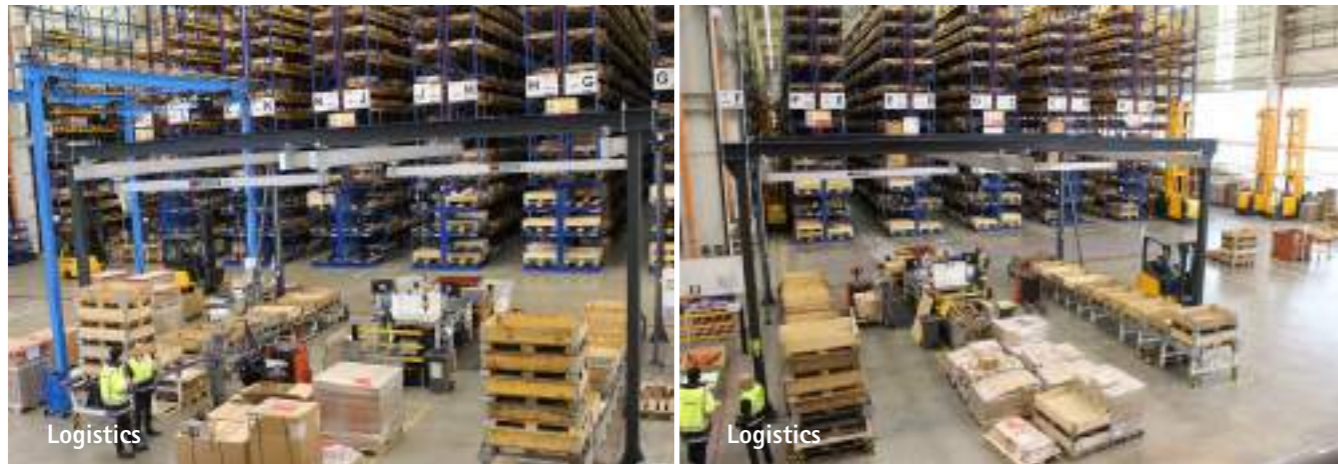
REFERENCES

from the window construction, logistics, steel and machine construction industry



Steel construction

Window construction



Logistics

Logistics



Window construction

Machine construction

Your contact details

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ENQUIRY FORM FOR ERGOLINE® CRANE SYSTEMS

Crane bridges (number x capacity)
 _____ x _____ kg | _____ x _____ kg

Local conditions

Clear length _____ mm
 Clear width _____ mm
 Clear room height _____ mm
 Concrete thickness _____ mm
 Screed thickness _____ mm
 Expansion joint in floor: No Yes (Please provide a sketch)

Diagonal supports

Position of supports as recommended by manufacturer
 Position of supports deviates from manufacturer's recommendation (Please enter in sketch)

Features

Complete electric basic equipment for chain hoist
 Please include chain hoist in quote
 Other energy supply: _____

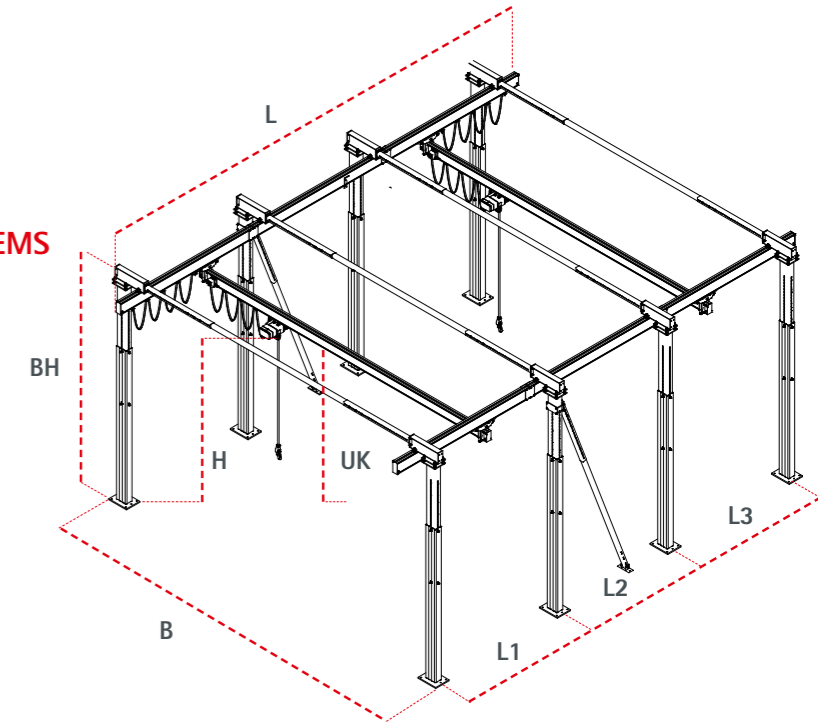
 Distance maintaining between crane bridges (if more than one crane bridge)

Requested dimensions of crane system

Requested overall length (L) _____ mm
 Requested overall width (B) _____ mm
 Requested clearance of gantry (UK)* _____ mm
 Requested total height (BH)* _____ mm
 Requested lifting height (H)* _____ mm

* Only one parameter required

** Please provide dimensional drawing if hoist is provided by others



Distance of gantry supports/number of fields

Support rows as recommended by manufacturer
 Support rows according to local conditions (Please enter in sketch)

Assembly

By customer
 Please quote (environment/assembly conditions (e.g. environment without limitations, forklift trucks etc., ...))

Approval

By customer Please quote

Remarks/notes:



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