



JOSAM CV-liner.

PRECISION THAT DRIVES
PERFORMANCE

**Commercial vehicle wheel alignment
with camera technology**

for Workshop and Mobile Service Van



High-Accuracy
Camera Technology
Precise readings for
reliable alignment



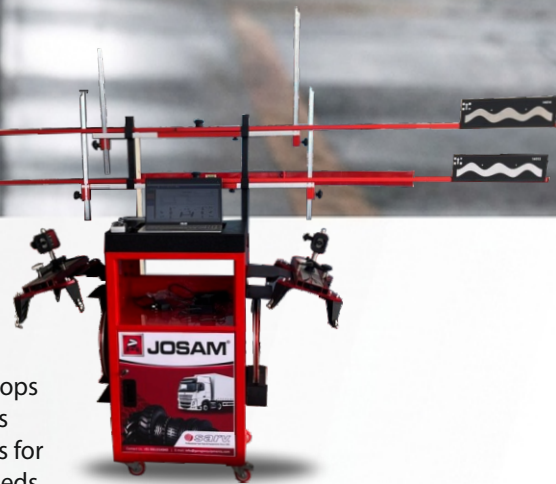
Faster Alignment
Process
Save time and
increase productivity



Reduce Operating
Costs
Lower fuel consumption
& tyre wear



Ideal for Workshops
& Mobile Vans
Flexible solutions for
all alignment needs



PRECISION THAT DRIVES **PERFORMANCE**

JOSAM CV-liner delivers unmatched accuracy for commercial vehicles, giving you safer drives, longer tyre life and reduced running costs.



Better Safety



Longer Tyre Life



Lower Fuel Cost



Higher Savings

Sarveshwari Technologies Ltd.

JOSAM CV-liner

**Commercial vehicle
wheel alignment
with camera technology**

HEAVY VEHICLE ALIGNMENT WITH CAMERA TECHNOLOGY

MEASURING ANGLE

STEERING AXLE	DRIVING AXLE
- Individual Toe • KPI - Total Toe - Camber - Caster - Max turn - Parallelism	- Individual toe - Total toe - Camber - Out off Square - Parallelism

PRODUCT ADVANTAGES

-  Patent Camera Technology
-  Efficiency and fast
-  Print the measurement reports
-  Simple and portable
-  Measure by Camera

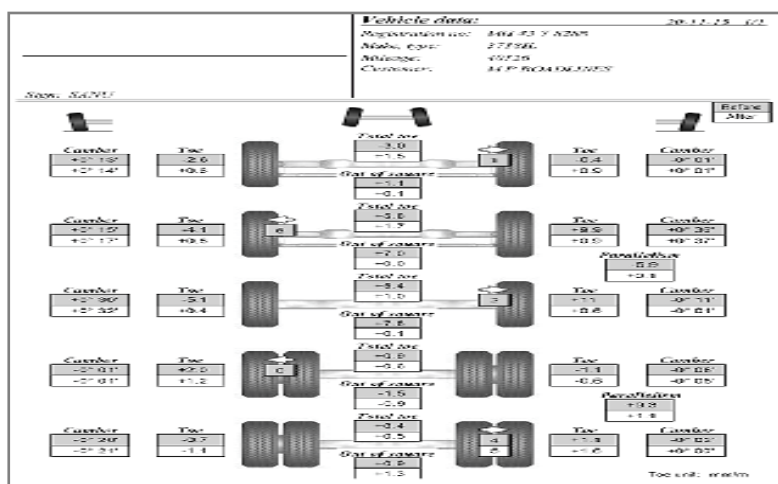
JOSAM CV-LINER CAN MEASURE ALL TYRE OF VEHICLES

- | | | |
|---|---|---|
| ☒  Truck | ☒  Bus | ☒  Trailer |
| ☒  Crane | ☒  Articulated | ☒  Special Vehicle |

NEW CAMERA TECHNOLOGY OF THE WHEEL ALIGNMENT SYSTEM

The new camera can realize the functions:

- ☒ Frame measurement (tilt, twist)
- ☒ ACC with special Attachments (optional)
- ☒ New JOSAM software
- ☒ Multiroll



**HIGH ACCURACY
CAMERA TECHNOLOGY**



**FASTER ALIGNMENT
PROCESS**



**REDUCE OPERATING
COSTS**



**IDEAL FOR WORKSHOPS
& MOBILE VANS**

Sarveshwari Technologies Ltd.

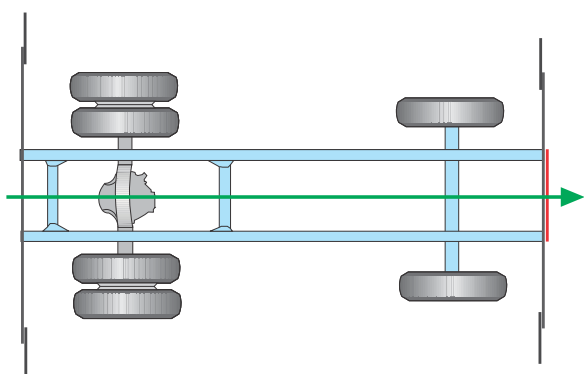


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MEASUREMENT PRINCIPLE



The CV-liner wheel alignment system uses the centerline principle to determine the position of axles and individual wheels in relation to the centerline of the vehicle.



The system is designed to measure commercial vehicles such as trucks, trailers, buses and light commercial vehicles.



Thanks to the scalability of the system it is also possible to obtain functions for ADAS calibration.



THE ROLLING METHOD



The measuring is carried out as the vehicle stands on the floor, followed by rolling the vehicle so that the wheels turn half a turn and the cameras automatically take the readings.



This method allows the camera system to measure before, during and after rolling, without the need for any run-out compensation.



Toe and camber values will be displayed automatically and adjustments can be made if needed.



The axle offset value together with out of square is also presented as a result of the measurement.

FAST • ACCURATE • RELIABLE

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**ACCURATE
MEASUREMENTS**

SAVE TIME

EASY TO USE

**DURABLE
& RELIABLE**



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#	Article	QTY.	Description
1	AM5-1750 A	2	Gauge extension 1750 mm
2	AM5-1750 B	2	Gauge extension 1750 mm with bubble
3	JT120 A	2	Self centering frame gauge
4	JT5-3	2	Hanger 320 mm
5	JT5-6	4	Hanger 620 mm
6	AM268 A	2	Non friction plate
7	AM10 B	2	Wheel adapter universal 16"-24"
8	CVA1010	2	Camera sensor
9	TC-216-10	1	Reflective Target FL
10	TC-216-20	1	Reflective Target FR
11	TC-216-30	1	Reflective Target RL
12	TC-216-40	1	Reflective Target RR
13	TC-395	1	Charger Cradle
14	TC-361	1	USB Cable
15	10959	1	Power cord
16	CA1002	1	Wireless server
17	CV1106	1	Wheel alignment software



OPTIONAL ACCESSORIES

Kit for Trailer & Semi Trailer

18	JT167	1	Bracket " King Pin
19	JT510	1	Adaptor for bumper
20	JT5-8	2	Hanger 870mm
21	JT638	1	Steering Wheel Holder
22	CA1000	2	Wheel Adapter Spider 14"-24"
23	LOCAL	1	Cabinet
24	LOCAL	1	Laptop or Desktop



TECHNICAL INFORMATION

Description	Specification
Measuring range	
Toe	±40 mm/m
Camber	-6°
Caster	±20°
KPI	±20°
Max. turn	65°
Measuring accuracy	
Toe	±0,2 mm/m*
Camber	±3 min*
Operational time	14 h**
Charging time	3 h
Computer requirements	Ref. www.josam.se

*For each camera

** On fully charged batteries

Exclusive Dealer

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OEM APPROVAL



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A VOLVO GROUP AND EICHER MOTORS JOINT VENTURE



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