

HEAVY DUTY COLLISION REPAIR

Including frame measurement, high-reach pulling and induction heating





Collision repair catalogue

General information.....	Page 3
System comparison	Page 3
Floor beam solution	Page 4
Floor anchoring expander solution	Page 5
 JOSAM frame press.....	 Page 6
Premium frame straightening kit	Page 6
Advanced frame straightening kit.....	Page 11
Basic frame straightening kit	Page 15
Options	Page 19
Accessories	Page 26
 JOSAM i-press	 Page 29
Advanced frame straightening kit.....	Page 29
Options	Page 36
Accessories	Page 41



EQUIPMENT SUITED FOR TRUCKS



EQUIPMENT SUITED FOR CABS



EQUIPMENT SUITED FOR BUSES AND ARTICULATED BUSES



EQUIPMENT SUITED FOR FULL TRAILERS



EQUIPMENT SUITED FOR SEMI-TRAILERS



EQUIPMENT SUITED FOR MINI-BUSES



System comparison

JOSAM frame press

JOSAM frame press is a 20-ton frame straightening solution used with a fixed floor frame. It is the natural choice when building a new workshop or installing in a workshop which has already an I-beam floor frame installed.

Trolleys can be moved stepless along the chassis and are locked with two anchoring holders. Different brackets allow to change height and width easily.

The active trolley can both press and pull. Good possibilities to straighten (semi-)trailers.

This system is made to expand both in efficiency and flexibility. By complementing the frame press system with a JO series high reach pulling tower, cabs and buses can also be straightened.



JOSAM i-press

A 10-ton frame straightening solution suitable for complementing a workshop with straightening capabilities, when there is no I-beam floor frame installed.

Since the floor frame is not casted into the floor it can be easily removed and installed in another premises simply by drilling new holes.

The trolleys can only be used for pressing. Straightening (semi-)trailers is possible to a limited degree. By complementing the i-press system with a CT series high reach pulling tower, cabs and buses can also be straightened.



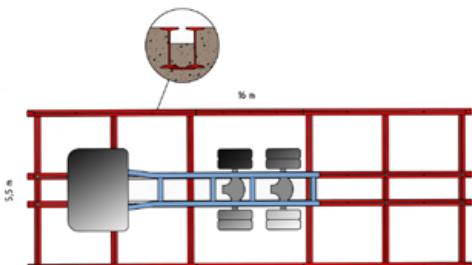
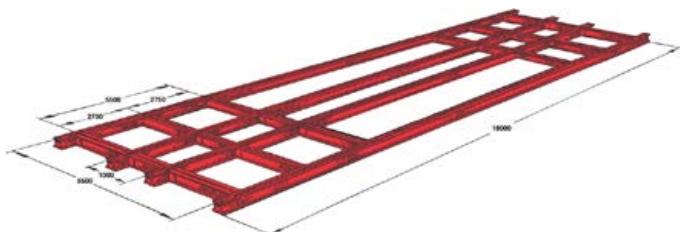


Frame and cab straightening with the JOSAM floor beam solution

To be able to use **JOSAM frame press** and straightening equipment as well as **JO-series high reach pulling towers**, the workshop needs floor beams installed to transfer the required force onto the object/vehicle.

The floor beams are to be casted in the workshop floor. This gives the advantages of a flexible work area, easy to get the vehicle onto the workplace, as well as level floor and ergonomic work heights. A local construction company normally handles the production and installation of such floor beams. It saves both time and money.

Please contact your local Josam representative to plan your work area and receive appropriate drawings.



Frame straightening and high-reach pulling with floor beams

The drawings JO117 and JO116 are recommendations for a floor beam layout.

- **JO117** is used when the work bay width exceeds 6.5 metres.
- **JO116** is used when the work bay width is 6.5 metres or less.

Both layouts allow frame straightening, cab straightening as well as high reach pulling on buses and high bodywork.

The length of the structure can easily be adapted to the actual workshop by shortening the structure at the middle section. The K1 and K3 drawings are essential for the perspective view of the floor beams.



Straightening pit

If the workshop is considering a straightening pit, Josam will provide the **JO2036** drawing. Please note that a straightening pit cannot be used for cab straightening.



The **K1**, **K2** and **K3** drawings are perspective drawings of the above solutions.

Regarding the quality of the concrete normal local specifications for a truck workshop floor are adequate. Pour the concrete with care and make sure it is in level with the floor beams! Also, it is important to consider drainage of the floor beams.



Check the JOSAM website for details, www.josam.se.



Frame straightening with floor anchoring expander solution and a centre beam



If the workshop would like to do frame straightening by using the floor anchoring expander solution **JOSAM i-press** with a centre beam then the following drawing is available:

- **JO300010**

The centre beam with floor anchoring expanders must be purchased from JOSAM in sections of 3.2 metres. This allows the customer to decide the length of the straightening area. Concrete and reinforcements according to drawing JO300010.

High-reach pulling with floor anchoring

If the workshop is planning to also perform high-reach pulling, we recommend a floor anchoring expander solution, **CT-series cab tower**. For this purpose the following drawings are available:

- **JO2324-B** is used for cab straightening directly on the chassis and for bus repair.

Floor anchoring expanders must be purchased from JOSAM. Concrete and reinforcements according to drawing JO2324-B.

For further inquiries regarding construction JOSAM recommends that the workshop consult a local construction engineer. For layout inquiries we recommend that the workshop contacts the local JOSAM dealer. The core drill itself as well as the fastening tool can be purchased from JOSAM.





Frame press – Premium kit

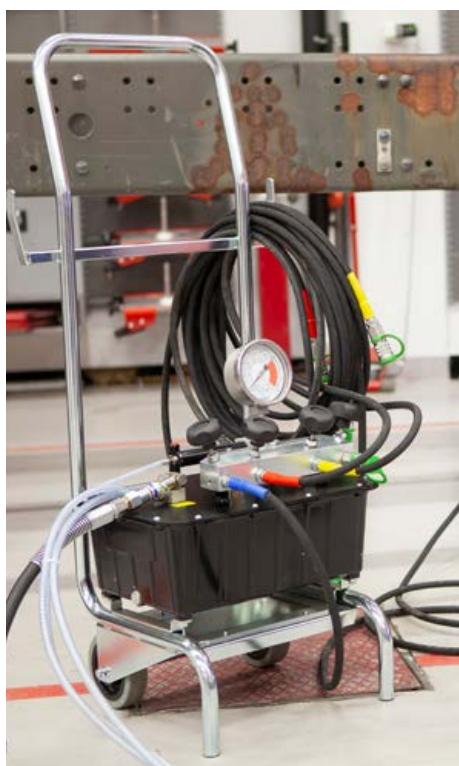
Choose this set when frame straightening is to be performed full time in a dedicated bay.

This straightening set covers the demanding needs to correct a truck chassis. The set can of course be upgraded to increase efficiency and functionality to be able to also straighten (semi-) trailers, cabs and buses.

The set consists of:

- **Three 20 ton press/pull trolleys** with a full set of brackets, all in high strength aluminum. This allows for both press and pull operations to perform side sway correction.
- **Two vertical presses** that together with the anchoring kit enable you to correct vertical bends and chassis twist. Additionally, **a flex foot kit** is included, highly useful when working in a confined space.
- **Three C-clamp kits** (40, 20 and 10 ton) as well as **two hydraulic kits** (20 and 10 ton), which are used to correct local deformations.
- **A remote controlled hydraulic pump** with 4 outlets, as well as a **foot operated pump**, to maneuver multiple hydraulic units at the same time.

For options and accessories, see pages 19–28.



**JO FP PREMIUM K/15910****Premium frame straightening kit excluding floor beams****Exklusiv ramriktssats exklusive golvspår****Exklusiv Rahmenrichtsatz exklusive Fundamentrahmen****Premium kit**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 20 AL	11109	3	Press/pull trolley 20 ton aluminium	Press/dragbrygga 20 ton aluminium	Press/Zugbrücke 20 Tonnen Aluminium
2	JO HA 20	15076	1	20 ton hydraulic kit	20 ton hydrauliktillbehörssats	20 Tonnen Zubehörsatz Hydraulik

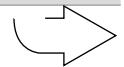
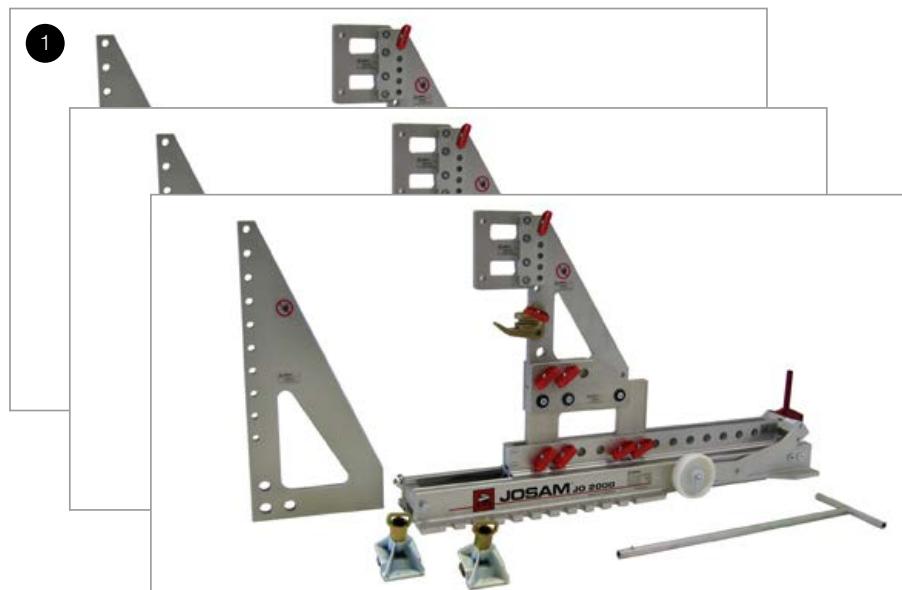


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The JOSAM frame press is anchored to a frame rack in the floor.

These rails are not included, but drawings for local construction are provided.

JOSAM frame press förankras i golvspår ingjutna i verkstadsgolvet.

Dessa golvspår ingår ej, men ritningar för lokal konstruktion finns tillgängliga.

Die JOSAM-Rahmenrichtanlage ist an einem Fundamentrahmen im Boden verankert.

Diese Schienen sind nicht enthalten, aber Zeichnungen für den lokalen Aufbau werden zur Verfügung gestellt.



3	JO HA 10	15077	1	10 ton hydraulic kit	10 ton hydrauliktillbehörssats	10 Tonnen Zubehörsatz Hydraulik
4	SR 29 K	13495	1	10 ton C-clamp set with flat nose C-clamp	10 ton riktbrygelsats med plattnosbygel	10 Tonnen Richtbügelsatz mit Bügel flachen Gegenlager
5	JO 1320 K	12590	1	20 ton C-clamp set	20 ton riktbrygelsats	20 Tonnen Richtbügelsatz

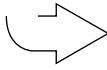


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6	SR 450 N R	12585	1	40 ton C-clamp set for riveting and straightening	40 ton bygelsats för nitning och riktning	40 Tonnen Bügelsatz für Nieten und Richten
7	JO 1876 K	11108	1	20 ton straightening set frame	20 ton riktsats för ramfläns	20 Tonnen Richtsatz Rahmenflansch
8	SR 90 K	12587	1	Mounting display board, three sections	Upphängningstavla, tre sektioner	Montagewand, drei Sektionen

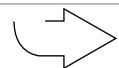
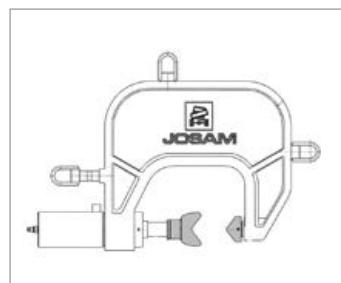


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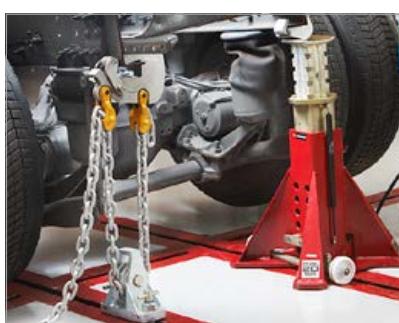
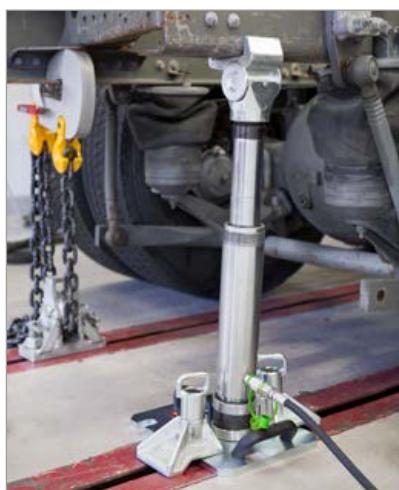
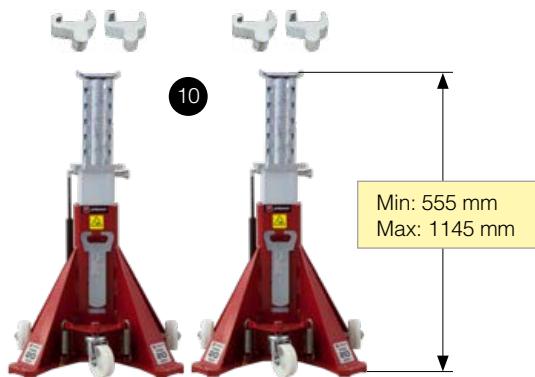


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9	JO2513	15463	1	20 ton hydraulic cylinder with flex foot	20 ton hydraulisk cylinder med flexfot	20 Tonnen Hydraulikzylinder mit Flexfuss
10	JO2480 A	15818	2	Vertical press 20 ton with cylinder and frame-flange press heads	Vertikalpress 20 ton med cylinder och flänsstöd	Vertikalpresse 20 Tonnen mit Zylinder und Druckstücken
11	JO SA 3	15817	1	Straightening accessories basic set	Riktillbehör grundsats	Richten-Zubehör Grundausstattung
12	H1039	14953	1	Remote controlled, air driven hydraulic pump with 4 outlets and two 6 m extension hoses	Fjärrmanövrerad lufthydraulisk pump med 4 utgångar och två 6-meters förlängningsslangar	Ferngeregelte, lufthydraulische Pumpe mit 4 Ausgängen und zwei Stück 6 m Schläuche
13	H1053	16544	1	Foot controlled hydraulic pump with two 4 m hoses	Fotdriven hydraulisk pump med två 4-meters slangar	Fußgeregelte, lufthydraulische Pumpe mit zwei 4 m Schläuche





Frame press – Advanced kit

Choose this set when frame straightening is to be performed part time in a dedicated bay.

This straightening set covers the normal needs to correct a truck chassis. The set can of course be upgraded to increase efficiency and functionality to be able to also straighten (semi-) trailers, cabs and buses.

The set consists of:

- **One 20 ton press/pull trolley and two 20 ton counterstay trolleys** with brackets, all in high strength aluminum. This allows for both press and pull operations to perform side sway correction.
- **Two vertical presses** that together with the anchoring kit enable you to correct vertical bends and chassis twist.
- **Two C-clamp kits** (40 and 10 ton) as well as **two hydraulic kits** (20 and 10 ton), which are used to correct local deformations.
- **A remote controlled hydraulic pump** with 4 outlets, to maneuver multiple hydraulic units at the same time.

For options and accessories, see pages 19–28.

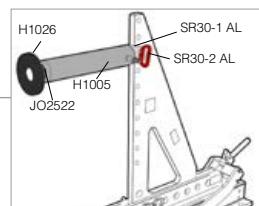


**JO FP ADVANCED K/15909****Advanced frame straightening kit excluding floor beams****Avancerad ramriktssats exklusive golvspår****Fortgeschritten Rahmenrichtsatz exklusive Fundamentrahmen****Advanced kit**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 21 AL	11116	2	Counterstay trolley 20 ton aluminium	Mothållsbrygga 20 ton aluminium	Gegenbrücke 20 Tonnen Aluminium
2	JO 20 AL	11109	1	Press/pull trolley 20 ton aluminium	Press/dragbrygga 20 ton aluminium	Press/Zugbrücke 20 Tonnen Aluminium
3	JO HA 20	15076	1	20 ton hydraulic kit	20 ton hydrauliktillbehörssats	20 Tonnen Zubehörsatz Hydraulik



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The JOSAM frame press is anchored to a frame rack in the floor.

These rails are not included, but drawings for local construction are provided.

JOSAM frame press förankras i golvspår ingjutna i verkstadsgolvet.

Dessa golvspår ingår ej, men ritningar för lokal konstruktion finns tillgängliga.

Die JOSAM-Rahmenrichtanlage ist an einem Fundamentrahmen im Boden verankert. Diese Schienen sind nicht enthalten, aber Zeichnungen für den lokalen Aufbau werden zur Verfügung gestellt.



4	JO HA 10	15077	1	10 ton hydraulic kit	10 ton hydrauliktillbehörssats	10 Tonnen Zubehörsatz Hydraulik
5	SR 31 K	12588	1	10 ton C-clamp set	10 ton riktbügelsatz	10 Tonnen Richtbügelsatz
6	SR 450 N R	12585	1	40 ton C-clamp set for riveting and straightening	40 ton bygelsats för nitning och riktning	40 Tonnen Bügelsatz für Nieten und Richten

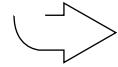


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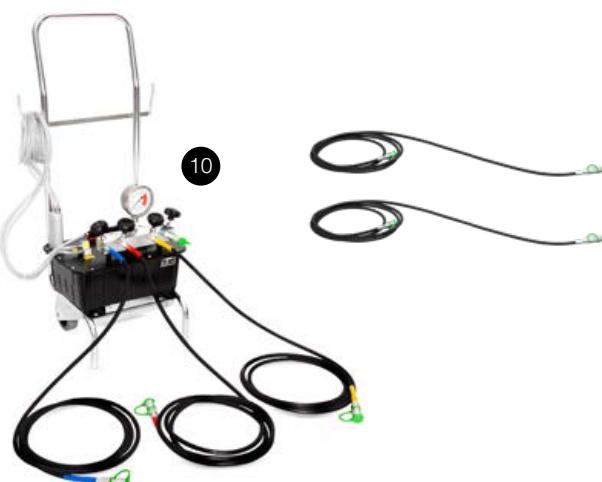
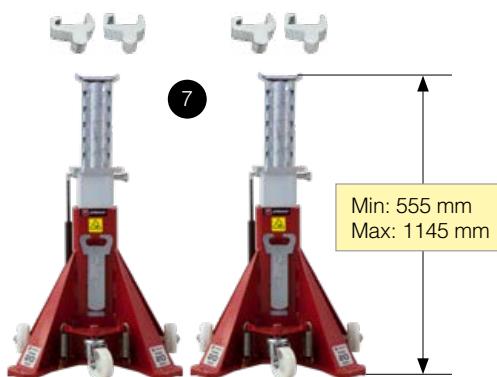


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7	JO2480 A	15818	2	Vertical press 20 ton with cylinder and frame-flange press heads	Vertikalpress 20 ton med cylinder och flänsstöd	Vertikalpresse 20 Tonnen mit Zylinder und Druckstücken
8	JO SA 3	15817	1	Straightening accessories basic set	Rikttillbehör grundsats	Richten-Zubehör Grundausrustung
9	SR 90 K	12587	1	Mounting display board, three sections	Upphängningstavla, tre sektioner	Montagewand, drei Sektionen
10	H1039	14953	1	Remote controlled, air driven hydraulic pump with 4 outlets and two 6 m extension hoses	Fjärrmanövrerad lufthydraulisk pump med 4 utgångar och två 6-meters förlängningsslanger	Ferngeregelte, lufthydraulische Pumpe mit 4 Ausgängen und zwei Stück 6 m Schläuche





Frame press – Basic kit

Choose this set when frame straightening is to be performed part time in an all-round bay.

This straightening set covers the basic needs to correct a truck chassis. The set can of course be upgraded to increase efficiency and functionality to be able to also straighten trailers, cabs and buses.

The set consists of:

- **Three 20 ton counterstay trolleys** with standard brackets, all in high strength aluminum, used together with a **20-ton hydraulic kit** to perform side sway correction.
- **Two vertical presses** that together with the anchoring kit enable you to correct vertical bends and chassis twist.
- **Two C-clamp kits** (20 and 10 ton) as well as **two hydraulic kits** (20 and 10 ton), which are used to correct local deformations.
- **Two foot controlled hydraulic pumps**, to maneuver multiple hydraulic units at the same time.

For options and accessories, see pages 19–28.

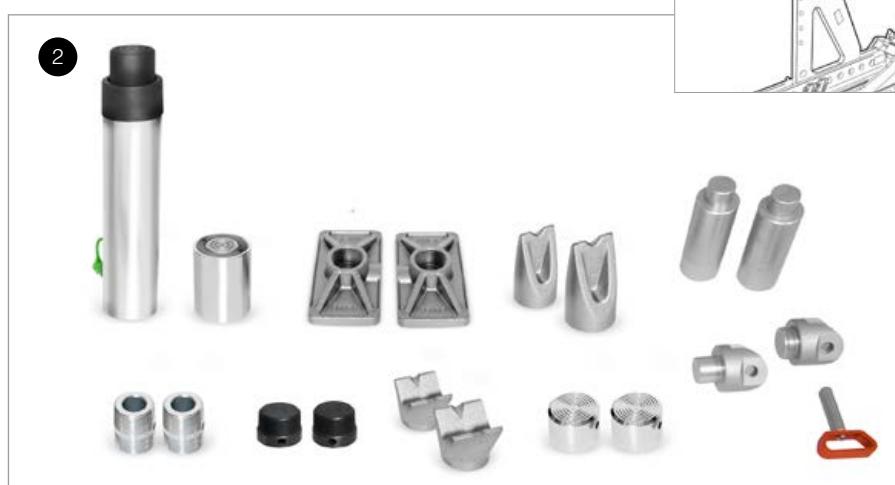
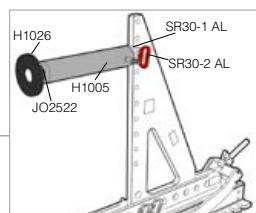
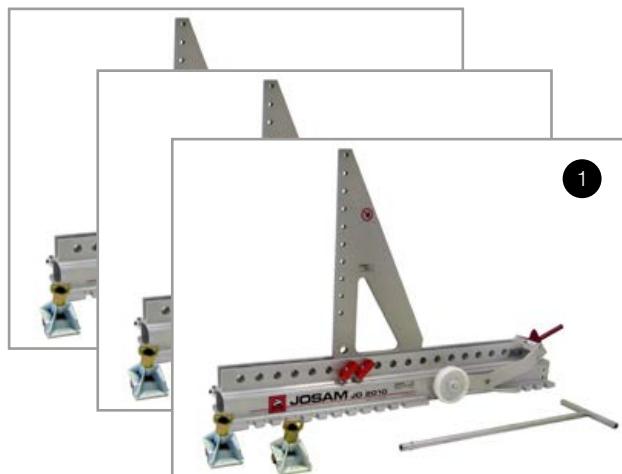


**JO FP BASIC K/15908****Basic frame straightening kit excluding floor beams****Enklare ramriktssats exklusive golvspår****Einfachere Rahmenrichtsatz exklusive Fundamentrahmen****Basic kit**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 21 AL	11116	3	Counterstay trolley 20 ton aluminium	Mothållsbrygga 20 ton aluminium	Gegenbrücke 20 Tonnen Aluminium
2	JO HA 20	15076	1	20 ton hydraulic kit	20 ton hydrauliktillbehörssats	20 Tonnen Zubehörsatz Hydraulik



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The JOSAM frame press is anchored to a frame rack in the floor.

These rails are not included, but drawings for local construction are provided.

JOSAM frame press förankras i golvspår ingjutna i verkstadsgolvet.

Dessa golvspår ingår ej, men ritningar för lokal konstruktion finns tillgängliga.

Die JOSAM-Rahmenrichtanlage ist an einem Fundamentrahmen im Boden verankert. Diese Schienen sind nicht enthalten, aber Zeichnungen für den lokalen Aufbau werden zur Verfügung gestellt.



3	JO HA 10	15077	1	10 ton hydraulic kit	10 ton hydrauliktillbehörssats	10 Tonnen Zubehörsatz Hydraulik
4	JO 1320 K	12590	1	20 ton C-clamp set	20 ton riktbygelsats	20 Tonnen Richtbügelsatz
5	SR 31 K	12588	1	10 ton C-clamp set	10 ton riktbygelsats	10 Tonnen Richtbügelsatz

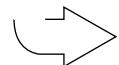
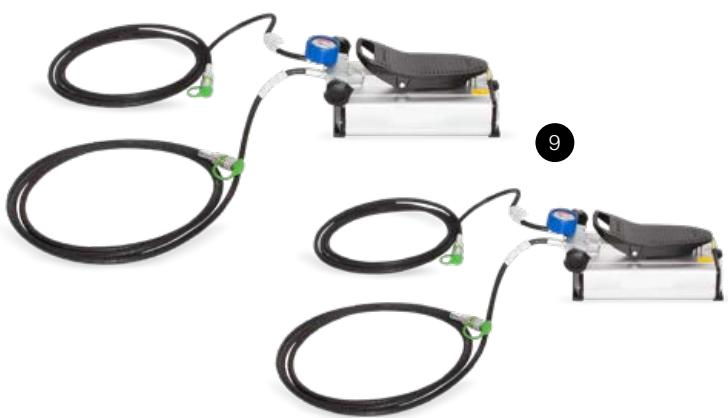
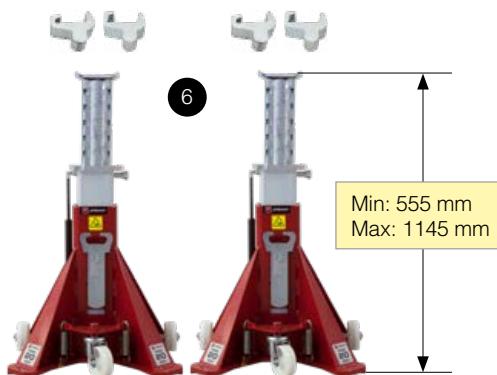


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6	JO2480 A	15818	2	Vertical press 20 ton with cylinder and frame-flange press heads	Vertikalpress 20 ton med cylinder och flänsstöd	Vertikalpresse 20 Tonnen mit Zylinder und Druckstücken
7	JO SA 3	15817	1	Straightening accessories basic set	Riktillbehör grundsats	Richten-Zubehör Grundausrustung
8	SR 90 K	12587	1	Mounting display board, three sections	Upphängningstavla, tre sektioner	Montagewand, drei Sektionen
9	H1053	16544	2	Foot controlled hydraulic pump with two 4 m hoses	Fotdriven hydraulisk pump med två 4-meters slangar	Fußgeregelte, lufthydraulische Pumpe mit zwei 4 m Schläuche





JOSAM frame press – options

For frame straightening it is highly recommended to use heat to release strain and tension in the frame components. The best tool for this is the JOSAM induction heater, allowing you to concentrate the heat into the required area instead of a gas flame heating a big area.

To increase your efficiency and flexibility, a set of trailer tools, a high reach pulling tower and a storage solution can be added.

For documentation of the frame errors as well as guide during straightening, a laser based frame measuring kit is available. This can be upgraded to a camera based wheel alignment system to make a perfect job by aligning the wheels and axles before the truck is returned to the customer.

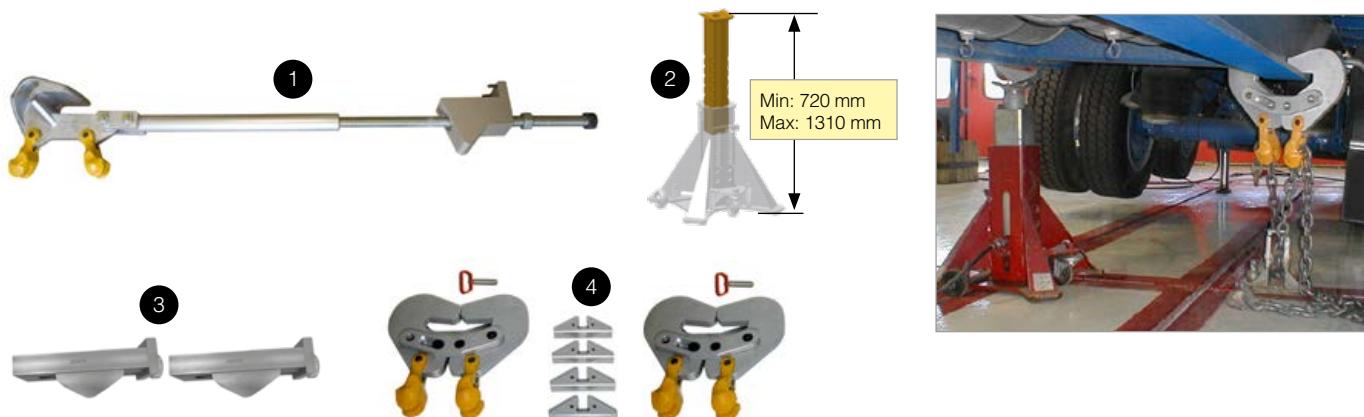




JO FP TRAILER K/15913
Straightening set for trailers
Riktsats för trailers
Richtsatz für Auflieger



#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 2130 K	11117	1	Frame hook set for semitrailers	Ramhakesats för semitrailer	Rahmenhakensatz für Sattelaufzieger
2	JO248003-2	11618	1	Extension tube	Förlängningstub	Verlängerungsteil
3	JO2475	11610	2	Adjustable frame flange press head for trailers	Justerbart flänsstöd för trailers	Druckstück für Rahmenflanken, justierbar für Auflieger
4	JO 2030 K	11115	1	Frame hook set for i-beam	Ramhakesats för i-balk	Rahmenhakensatz für I-Strebe



**JH 1000-400 K/14811, JH1000-200 K/14812****Induction heater JH1000****Induktionsvärmare JH1000****Induktionserhitzer JH1000**

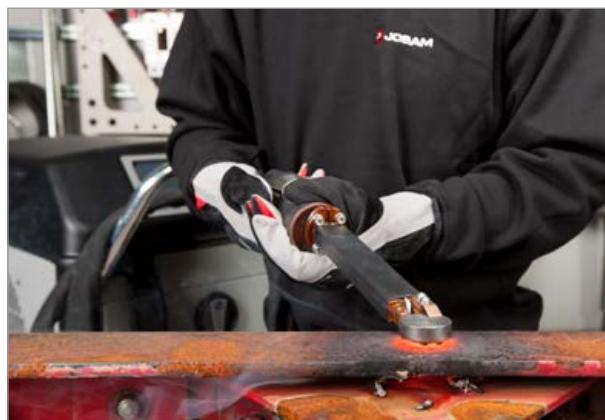
#	Article #	Order #	Pcs.	EN	SE	DE
1	JH 1000-400 K	14811	1	Induction heater complete, 10 kW, 380-400 V	Induktionsvärmare komplett, 10 kW, 380-400 V	Induktionserhitzer komplett, 10 kW, 380-400 V
2	JH 1000-200 K	14812	1	Induction heater complete, 10 kW, 200-240 V	Induktionsvärmare komplett, 10 kW, 200-240 V	Induktionserhitzer komplett, 10 kW, 200-240 V

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**JH 1500-400 K, JH1500-200 K/15079, 15358****Induction heater JH1500****Induktionsvärmare JH1500****Induktionserhitzer JH1500**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JH 1500-400 K	15079	1	Induction heater complete, 13 kW, 380-400 V	Induktionsvärmare komplett, 13 kW, 380-400 V	Induktionserhitzer komplett, 13 kW, 380-400 V
2	JH 1500-200 K	15358	1	Induction heater complete, 13 kW, 200 V	Induktionsvärmare komplett, 13 kW, 200 V	Induktionserhitzer komplett, 13 kW, 200 V

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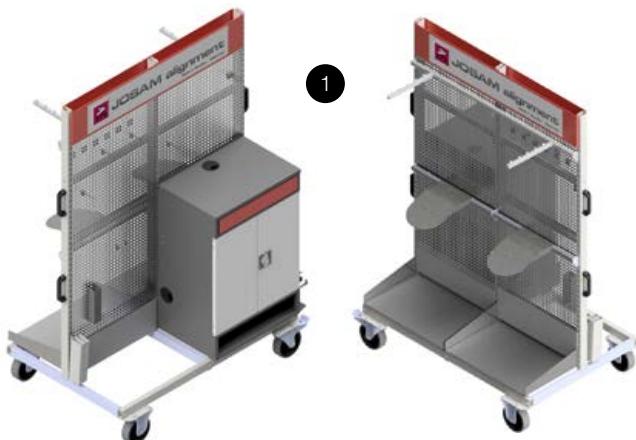
**F 3 D/13552****Frame measurement kit****Rammätsats****Rahmenvermessungssatz**

#	Article #	Order #	Pcs.	EN	SE	DE
1	F 3 D	13552	1	Frame measurement kit	Rammätsats	Rahmenvermessungssatz



**ES50032/16526****Basic storage module, trolley****Grundmodul förvaring, vagn****Grundmodul Lagerung, Wagen**

#	Article #	Order #	Pcs.	EN	SE	DE
1	ES50032	16526	1	Basic storage module, trolley	Grundmodul förvaring, vagn	Grundmodul Lagerung, Wagen



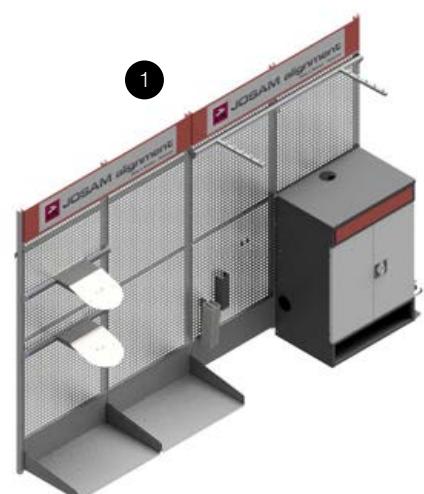
Choose add-on storage on the following page.

Välj tilläggsförvaring på följande sida.

Wählen Sie bitte Zusatz-Lagerung an folgende Seite.

ES50033/16527**Basic storage module, wall****Grundmodul förvaring, vägg****Grundmodul Lagerung, Wand**

#	Article #	Order #	Pcs.	EN	SE	DE
1	ES50033	16527	1	Basic storage module, wall	Grundmodul förvaring, vägg	Grundmodul Lagerung, Wand



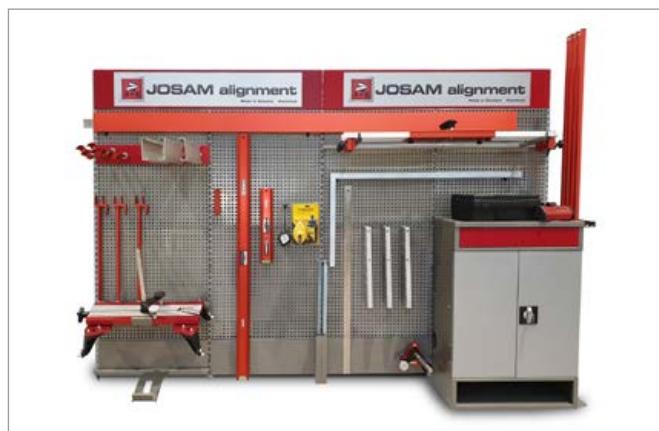
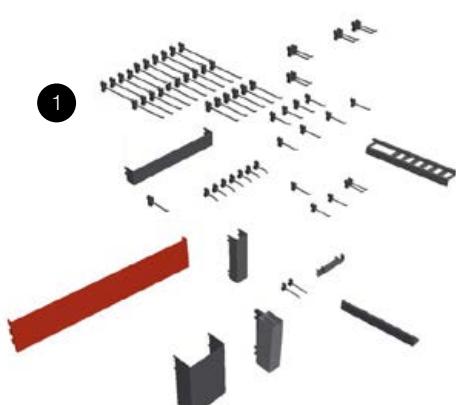
Choose add-on storage on the following page.

Välj tilläggsförvaring på följande sida.

Wählen Sie bitte Zusatz-Lagerung an folgende Seite.

**ES551/14721****JOSAM laser AM add-on****JOSAM laser AM tilläggssats****JOSAM laser AM Zusatzgerät**

#	Article #	Order #	Pcs.	EN	SE	DE
1	ES551	14721	1	Laser AM add-on	Laser AM tilläggssats	Laser AM Zusatzgerät

**CA 2015 K/75050****JOSAM cam-aligner upgrade kit for F 3 D****JOSAM cam-aligner uppgraderingssats för F 3 D****JOSAM cam-aligner Upgrade Kit für F 3 D****Upgrade from
F 3 D**

#	Article #	Order #	Pcs.	EN	SE	DE
1	CA 2011 K	74320	1	JOSAM cam-aligner upgrade kit for JOSAM laser AM	JOSAM cam-aligner uppgraderingssats för JOSAM laser AM	JOSAM cam-aligner Upgrade Kit für JOSAM laser AM
2	AM10 B	14303	1	Wheel adapter universal 16-24"	Hjuladapter universal 16"-24"	Radhalter universal 16"-24"
3	AM268 A	13762	2	Non friction plate	Antifrikitionsplatta	Antifrikitionsplatte



**JO HIGH PULL/15912**

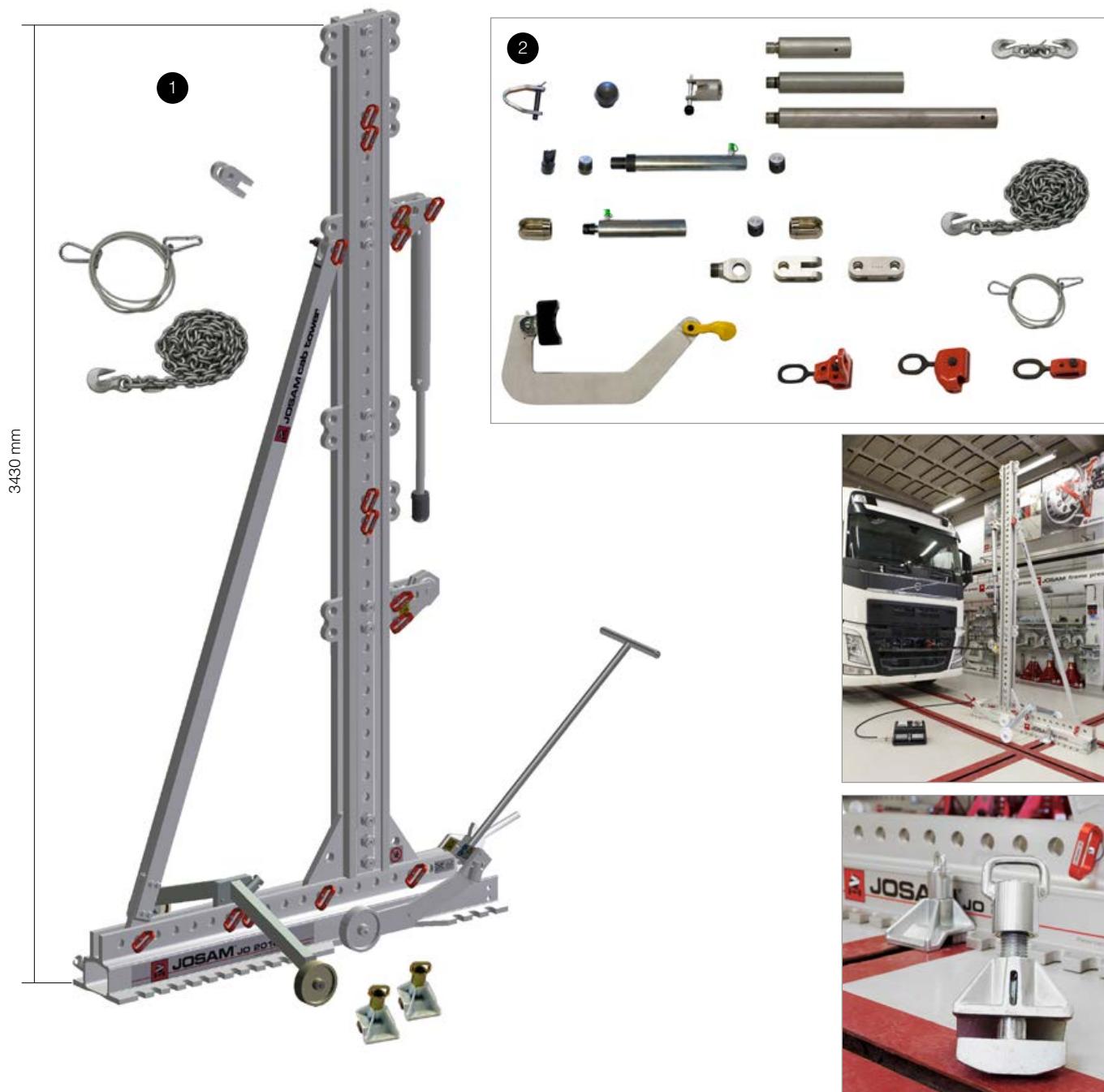
High pulling additional kit for i-beams in floor

Höga drag tilläggssats för i-balk i golv

Höhe ziehen Ergänzungssatz für Fundamentrahmen im Boden



#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 3200 AL	15673	1	Pulling tower for I-beam floor	Dragtorn för I-balksgolv	Ziehturm für Fundamentrahmen
2	JO HRS 10	11155	1	Accessories for cab straightening 10 ton (I-beam floor)	Tillbehörssats för hyttriktning 10 ton (I-balksgolv)	Zubehör für Kabinenrichten 10 Tonnen (Fundamentrahmen)





JOSAM frame press – accessories





Recommended accessories (15984)

Rekommenderade tillbehör

Empfohlenes Zubehör

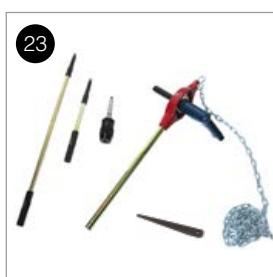
#	Article #	Order #	Qty.	EN	SE	DE
1	JO2105-1	11446	2	Frame flange press head 145-205 mm	Flänsstöd 145-205 mm	Druckstück Rahmenflanken 145-205 mm
2	JO2105-2	11447	2	Frame flange press head 195-305 mm	Flänsstöd 195-305 mm	Druckstück Rahmenflanken 195-305 mm
3	SR 29 K	13495	1	10 ton C-clamp set with flat nose C-clamp	10 ton riktbygelsats med plattnosbygel	10 Tonnen Richtbügelsatz mit Bügel flachen Gegenlager
4	JO 1289 K	13496	1	10 ton C-clamp set with short flat nose C-clamp	10 ton riktbygelsats med kort plattnosbygel	10 Tonnen Richtbügelsatz mit kurz Bügel flachen Gegenlager
5	SR 31 K	12588	1	10 ton C-clamp set	10 ton riktbygelsats	10 Tonnen Richtbügelsatz
6	JO 1320 K	12590	1	20 ton C-clamp set	20 ton riktbygelsats	20 Tonnen Richtbügelsatz
7	SR 450 N R	12585	1	C-clamp press 40 ton, complete	Nitbygelsats, 40 ton komplett	Nietbügelsatz, 40 Tonnen, kompl.
8	JO 1876 K	11108	1	20 ton straightening set frame	20 ton riktsats för ramfläns	20 Ton. Richtsatz Rahmenflansch
9	JO TD 30	11167	1	Anchoring set 30 ton	Förankringssats 30 ton	Verankerungssatz 30 Tonnen
10	JO TD 30 OPT	11168	1	Chain 20 ton 3 m with one pulley wheel	Kätting 20 ton 3 m med en brytrulle	Kette 20 Tonnen 3 m mit einer Umlenkrolle
11	H1053	16544	1	Foot controlled hydraulic pump with two exits	Fotdriven hydraulisk pump två utgångar	Fußgeregelte, lufthydraulische Pumpe mit zwei Ausgängen
12	H1057	21048	1	Remote controlled hydraulic pump with two exits	Fjärrmanövrerad lufthydraulisk pump med två utgångar	Ferngeregelte lufthydraulische Pumpe mit zwei Ausgängen

Note: Qty = Recommended order quantity / Obs: Qty = Rekommenderad orderkvantitet / Hinweis: Qty = Empfohlene Bestellmenge





13	H1039	14953	1	Remote controlled, air driven hydraulic pump with 4 outlets and two 6 m extension hoses	Fjärrmanövrerad lufthydraulisk pump med 4 utgångar och två 6-meters förlängningsslangar	Ferngeregelte, lufthydraulische Pumpe mit 4 Ausgänge und zwei Stück 6 m Schläuche
14	JO1175	11246	1	Pit trolley for 1000 mm pit, INP200	Gropvagn för 1000 mm grop, INP200	Grubenwagen für 1000 mm Grube, INP200
15	JO587	15439	1	Pit trolley 1000 mm, IPE240	Gropvagn 1000 mm, IPE240	Grubenwagen 1000 mm, IPE240
16	JO 1175 OPT	11100	1	Lifting set for pit trolley	Lyftsats för gropvagn	Hebesatz für Grubenwagen
17	JO 2130 K	11117	1	Frame hook set for semitrailers	Ramhakesats för semitrailer	Rahmenhakensatz für Sattelaufleger
18	JO2475	11610	2	Adjustable frame flange press head for trailers	Justerbart flänsstöd för trailers	Druckstück für Rahmenflanken, justierbar für Auflieger
19	JO850	11702	1	Jacking stand 10 ton	Pallbock 10 ton	Stützbock 10 Tonnen
20	JO2480 A	15818	1	Vertical press 20 ton with cylinder and frame-flange press heads	Vertikalpress 20 ton med cylinder och flänsstöd	Vertikalpresse 20 Tonnen mit Zylinder und Druckstücken
21	JO248003-2	11618	1	Extension tube	Förlängningstub	Verlängerungsteil
22	SR74 A	15819	1	Vertical press 20 ton without cylinder, with frame-flange press heads	Vertikalpress 20 ton utan cylinder, med flänsstöd	Vertikalpresse 20 Tonnen ohne Zylinder, mit Druckstücken
23	BL 3 TK	10728	1	JOSAM drill complete set	JOSAM borrmaskin komplett sats	JOSAM Bohrmaschine komplett Satz
24	BL 3 TB	10727	1	JOSAM drill BL3, lever and chain	JOSAM borrmaskin BL3, hävarm och kedja	JOSAM Bohrmaschine BL3, Hebel und Kette
25	JO1705	11340	1	Thread protection for cylinder 10 ton	Gängskydd för cylinder 10 ton	Gewindeschutz Zylinder 10 Tonnen
26	JO1713	11344	1	Thread protection for cylinder 20 ton	Gängskydd för cylinder 20 ton	Gewindeschutz Zylinder 20 Tonnen





JOSAM i-press – Advanced kit

Choose this set to install frame straightening in a workshop with no frame beams installed.

This straightening set covers the normal needs to correct a truck chassis. The set can of course be complemented with a high reach pulling tower to be able to also straighten cabs and buses.

The set consists of:

- **Three 10 ton press trolleys** in high strength aluminum to perform side sway correction. This allows for both press and pull operations to perform side sway correction.
- **Two flex foot kits** that together with the anchoring kit, which enable you to correct vertical bends and chassis twist.
- **Two C-clamp kits** (40 and 10 ton) as well as **two hydraulic kits** (20 and 10 ton), which are used to correct local deformations.
- **Two foot controlled hydraulic pumps**, to maneuver multiple hydraulic units at the same time.

For options and accessories, see pages 36–43.



**JO IP ADVANCED K/15911****Basic straightening kit including 9.6 m centre beam****Enklare ramriktssats inklusive 9,6 m centrumbalk****Einfachere Rahmenrichtsatz inklusive 9,6 m Hauptträger****Advanced kit**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JO 3001	12896	3	Straightening unit 10 ton	Riktenhet 10 ton	Richteinheit 10 Tonnen
2	JO 3002	12897	1	Equipment for vertical press 10 ton	Riktutrustning för vertikalpress 10 ton	Richtausrüstung für Vertikalpresse 10 Tonnen

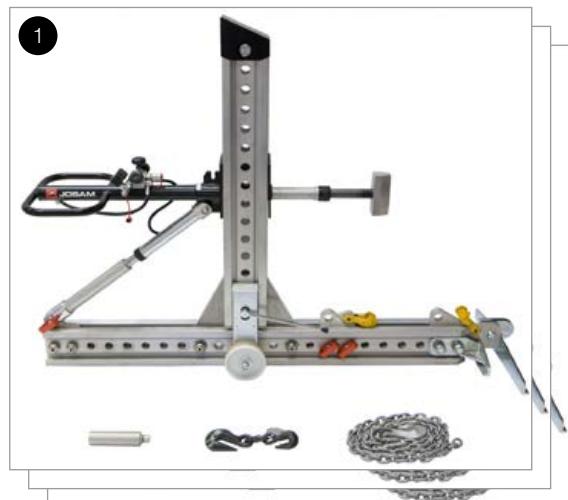


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3	JO 3003	12900	1	Start kit for floor anchoring	Startutr. för golvförankring	Startausstattung für Bodenverankerung
4	JO 3004	12901	2	Complement kit for floor anchoring	Kompl.utr. för golvförankring	Kompl.ausrüstung für Bodenverankerung

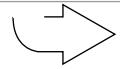
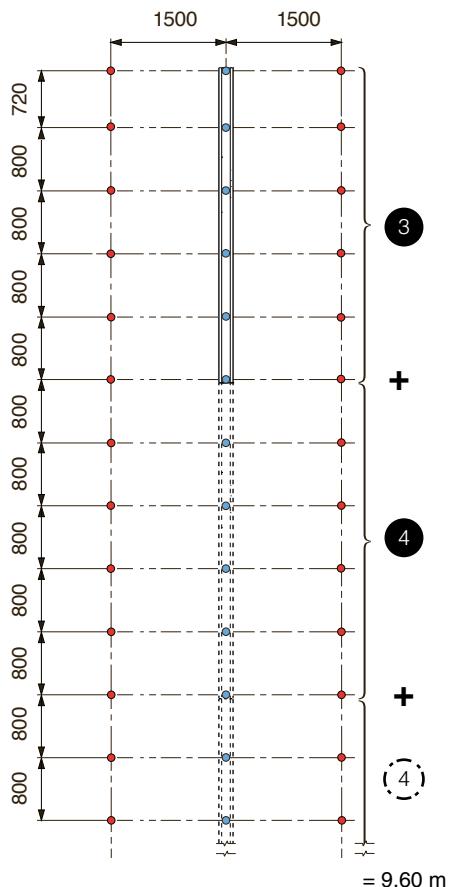
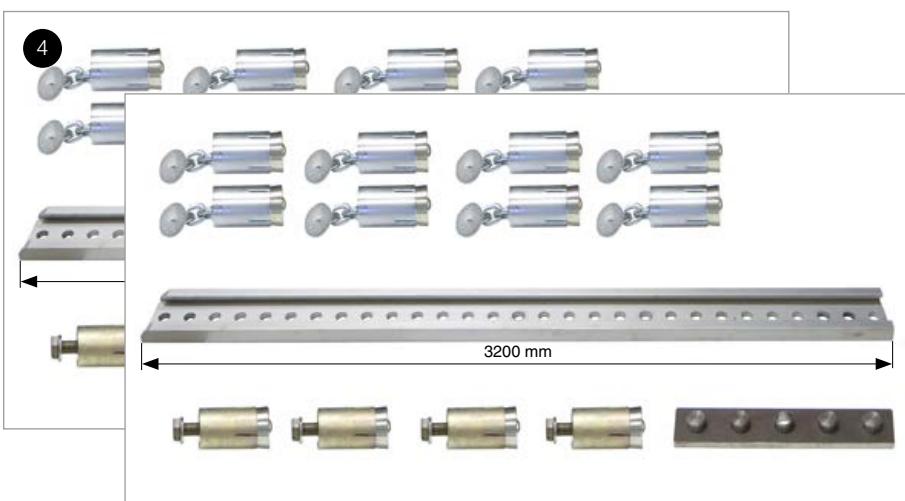
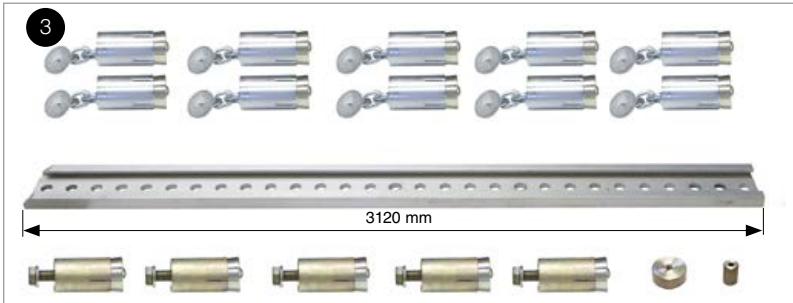


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JOSAM i-press is anchored in a centre beam and floor anchorings that are included in the equipment. This kit covers a workplace of 9.6 x 3 m. It can easily be extended with sections of 3.2 m.

Core drill, fastening tool and drilling machine are not included in the kit.

JOSAM i-press förankras i en centrumskena samt i golvförankningar som ingår i utrustningen. Satsen täcker en arbetsplats om 9,6 m x 3 m. Den kan enkelt förlängas med sektioner om 3,2 m.

Borrkona, dragverktyg samt borrmaskin ingår ej i satsen.

JOSAM i-press ist in einem Mittelbalken und Bohrtöpfen verankert, die in der Ausstattung enthalten sind. Dieser Bausatz umfasst einen Arbeitsplatz von 9,6 x 3 m. Er kann problemlos mit Abschnitten von 3,2 m verlängert werden.

Kernbohrer, Befestigungswerkzeug und Bohrmaschine sind nicht im Lieferumfang enthalten.



5	JO 3005	12902	1	Safety anchoring for vehicle	Säkerhetsförankring för fordon	Sicherheitsverankerung für Fahrzeuge
6	JO300013	13027	2	Socket with shaft 46 mm	Hylsa med skaft 46 mm	Hülse mit Schaft 46 mm

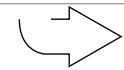
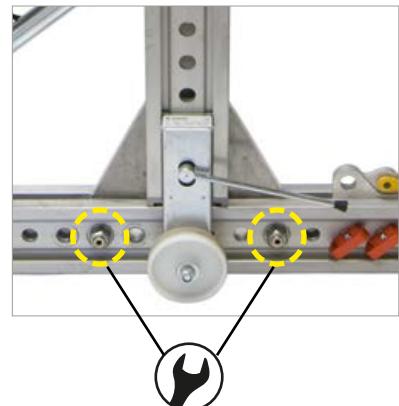
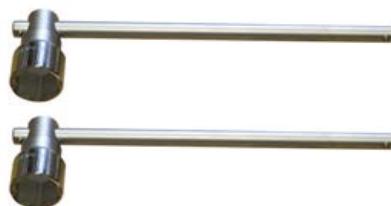


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6





7	JO HA 10	15077	1	10 ton hydraulic kit	10 ton hydrauliktillbehörssats	10 Tonnen Zubehörsatz Hydraulik
8	-	-	1	20 ton hydraulic kit	20 ton hydrauliktillbehörssats	20 Tonnen Zubehörsatz Hydraulik

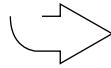


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8





9	SR 450 N R	12585	1	40 ton C-clamp set for riveting and straightening	40 ton bygelsats för nitning och riktning	40 Tonnen Bügelsatz für Nieten und Richten
10	SR 31 K	12588	1	10 ton C-clamp set	10 ton riktbygelsats	10 Tonnen Richtbügelsatz

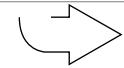


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11	H1053	16544	2	Foot controlled hydraulic pump with two 4 m hoses	Fotdriven hydraulisk pump med två 4-meters slangar	Fußgeregelte, lufthydraulische Pumpe mit zwei 4 m Schläuche
12	JO2105-1	11446	2	Frame flange press head 145-205 mm	Flänsstöd 145-205 mm	Druckstück Rahmenflanken 145-205 mm
13	JO2105-2	11447	2	Frame flange press head 195-305 mm	Flänsstöd 195-305 mm	Druckstück Rahmenflanken 195-305 mm
14	SR 90 K	12587	1	Mounting display board, three sections	Upphängningstavla, tre sektioner	Montagewand, drei Sektionen





JOSAM i-press options

For frame straightening it is highly recommended to use heat to release strain and tension in the frame components. The best tool for this is the JOSAM induction heater, allowing you to concentrate the heat into the required area instead of a gas flame heating a big area.

To increase your efficiency and flexibility, a high reach pulling tower and a storage solution can be added.

For documentation of the frame errors as well as a guide during straightening, a laser based frame measuring kit is available. This can be upgraded to a camera based wheel alignment system to make a perfect job by aligning the wheels and axles before the truck is returned to the customer.

**Induction heaters**

See page 21

**Frame measurement and storage**

See pages 22-24

**CT HIGH PULL/15914****High pulling additional kit with floor anchoring 7x9m****Höga drag tilläggssats med golvförankring 7x9m****Höhe Ziehen Ergänzungssatz mit Bohrtöpfen 7x9m**

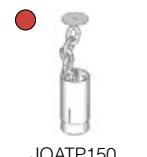
#	Article #	Order #	Pcs.	EN	SE	DE
1	CT 3200 AL	15635	1	Straightening kit - pulling	Riktsats - drag	Richtsatz - Ziehen
2	JO2324B AP K	14125	1	Floor anchoring kit for bus straightening	Golvförankringskit för bussrikt	Verankerungssatz für Busrichten





Work area for high pulling
Omräde för höga drag
Gebiet für hohe Ziehen

Work area for frame straightening
Omräde för ramrikt
Gebiet für Rahmenrichten



JOATP150



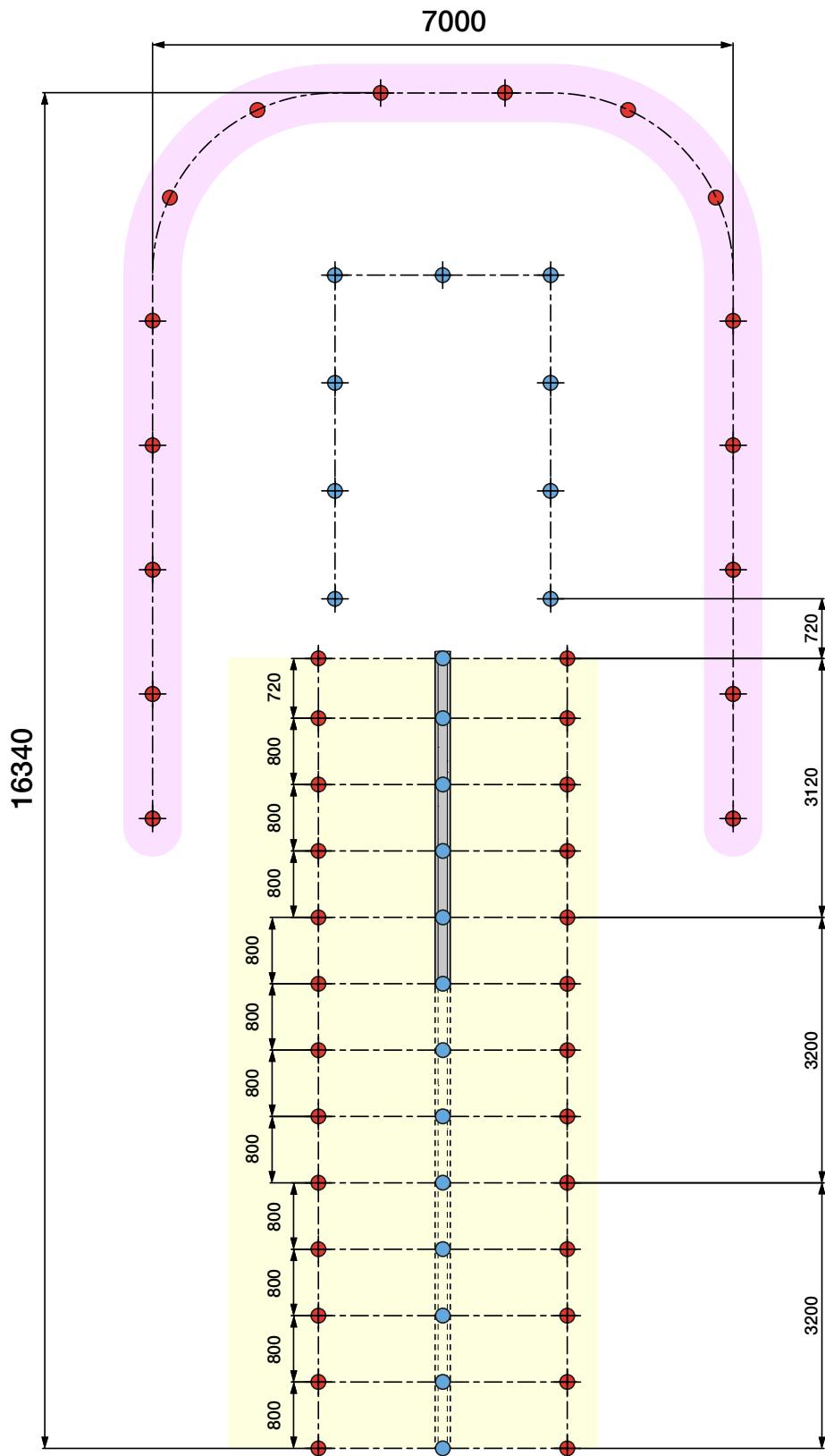
JOATP151

(mm)

JOSAM i-press 9.6 meter in combination with high pulling function. The working place covers a total area of 16340 x 7000 mm.

JOSAM i-press 9,6 meter i kombination med funktioner för höga drag. Arbetsplatsen täcker en yta om totalt 16340 x 7000 mm.

JOSAM i-press 9,6 Meter in Verbindung mit Funktionen für hohe Ziehen. Der Arbeitsplatz umfasst eine Gesamtfläche von 16340 x 7000 mm

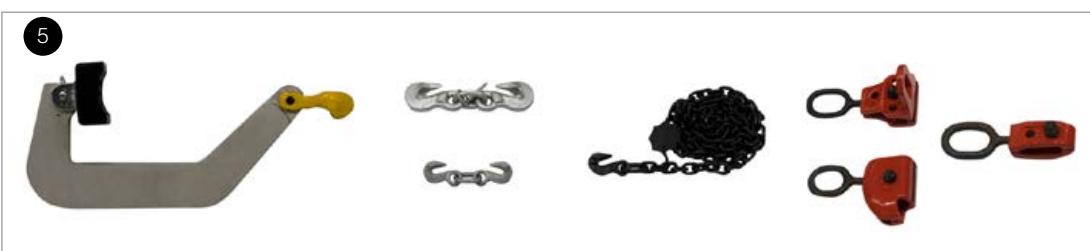




3	CT 71	10786	1	Anchoring beam complete	Förankningsbalk komplett	Verankerungsstrebe komplett
4	CT 61 AL	10784	1	Straightening kit for vector pull and press	Riktsats för vektordrag och tryckfunktioner	Richtsatz für Vektorziehen und Pressen
5	CT 62 AL	10785	1	Additional kit for cab and bus straightening	Tilläggssats hytt- och bussrik	Ergänzungssatz Fahrerhaus- und Busrichten



Please note that **CT 71** is not a stock item and is only manufactured on request.
Notera att **CT 71** ej är lagervara och tillverkas endast mot beställning.
Bitte notieren Sie, dass **CT 71** keine Lagerware ist und nur nach Bestellung gefertigt wird.



**Installation tools excluding drilling machine****Installationsverktyg exklusive borrmaskin****Installationswerkzeuge ohne Bohrmaschine**

#	Article #	Order #	Pcs.	EN	SE	DE
1	JO300011	13025	1	Core drill Ø 90 mm, thread TR28x3	Kärnborr Ø 90 mm, gänga TR28x3	Kernbohrer Ø 90 mm, Gewinde TR28x3
2	JOATP100	11719	1	Fastening tool for JOATP150	Fastsättningsverktyg för JOATP150	Befestigungswerkzeug für JOATP150

1



2



For the best result and the highest level of safety, always use JOSAM original core drill.

As for drilling machine we recommend a Hilti DD130 or likewise, with vacuum plate.

An adapter between the drilling machine and the core drill might be needed.

För bästa resultat och högsta säkerhet, använd alltid JOSAM original-kärnborr.

Som borrmaskin rekommenderas Hilti DD130 eller liknande, med vakuumpinne.

Adapter mellan borrmaskin och kärnborr kan behövas.

Für das beste Ergebnis und das höchste Maß an Sicherheit, verwenden Sie immer JOSAM Original Kernbohrer.

Als Bohrmaschine empfehlen wir eine Hilti DD130 oder gleichermaßen mit Vakuumplatte.

Ein Adapter zwischen der Bohrmaschine und dem Kernbohrer kann erforderlich sein.





JOSAM i-press accessories





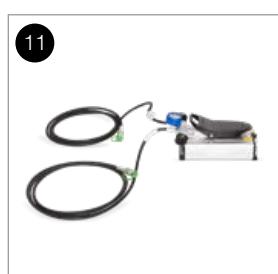
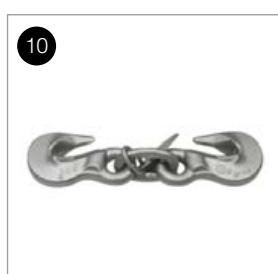
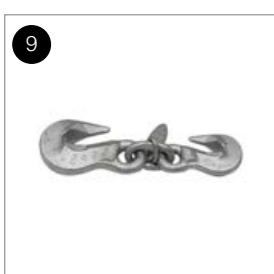
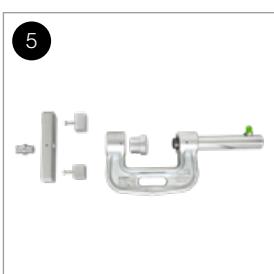
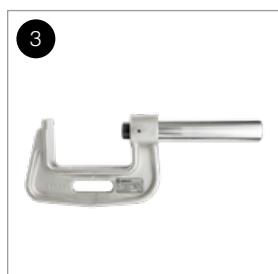
Recommended accessories (15986)

Rekommenderade tillbehör

Empfohlenes Zubehör

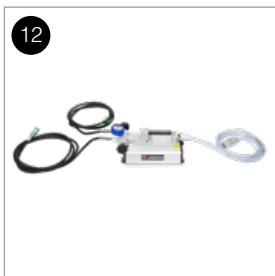
#	Article #	Order #	Qty.	EN	SE	DE
1	JO2105-1	11446	2	Frame flange press head 145-205 mm	Flänsstöd 145-205 mm	Druckstück Rahmenflanken 145-205 mm
2	JO2105-2	11447	2	Frame flange press head 195-305 mm	Flänsstöd 195-305 mm	Druckstück Rahmenflanken 195-305 mm
3	SR 29 K	13495	1	10 ton C-clamp set with flat nose C-clamp	10 ton riktbygelsats med plattnosbygel	10 Tonnen Richtbügelsatz mit Bügel flachen Gegenlager
4	JO 1289 K	13496	1	10 ton C-clamp set with short flat nose C-clamp	10 ton riktbygelsats med kort plattnosbygel	10 Tonnen Richtbügelsatz mit kurz Bügel flachen Gegenlager
5	SR 31 K	12588	1	10 ton C-clamp set	10 ton riktbygelsats	10 Tonnen Richtbügelsatz
6	JO 1320 K	12590	1	20 ton C-clamp set	20 ton riktbygelsats	20 Tonnen Richtbügelsatz
7	SR 450 N R	12585	1	C-clamp press 40 ton, complete	Nitbygelsats, 40 ton komplett	Nietbügelsatz, 40 Tonnen, kompl.
8	JO 1876 K	11108	1	20 ton straightening set frame	20 ton riksats för ramfläns	20 Ton. Richtsatz Rahmenflansch
9	KL13-10K	12304	1	Double hook 13-10 mm	Dubbelkrok 13-10 mm	Doppelhaken 13-10 mm
10	KL13-2K	12305	1	Double hook 13 mm	Dubbelkrok 13 mm	Doppelhaken 13 mm
11	H1053	16544	1	Foot controlled hydraulic pump with two 4 m hoses – two exits	Fotdriven hydraulisk pump med två 4 m slang – två utgångar	Fußgeregelte, lufthydraulische Pumpe mit zwei Stück 4 m Schlauch – zwei Ausgänge

Note: Qty = Recommended order quantity / **Obs:** Qty = Rekommenderad orderkvantitet / **Hinweis:** Qty = Empfohlene Bestellmenge





12	H1057	21048	1	Remote controlled hydraulic pump with two 4 m hoses – two exits	Fjärrmanövrerad lufthydraulisk pump med två 4 m slang – två utgångar	Ferngeregelte lufthydraulische Pumpe mit zwei Stück 4 m Schlauch – zwei Ausgänge
13	H1039	14953	1	Remote controlled, air driven hydraulic pump with 4 outlets and two 6 m extension hoses	Fjärrmanövrerad lufthydraulisk pump med 4 utgångar och två 6-meters förlängningsslangar	Ferngeregelte, lufthydraulische Pumpe mit 4 Ausgänge und zwei Stück 6 m Schläuche
14	BL 3 TK	10728	1	JOSAM drill complete set	JOSAM borrmaskin komplett sats	JOSAM Bohrmaschine komplett Satz
15	BL 3 TB	10727	1	JOSAM drill BL3, lever and chain	JOSAM borrmaskin BL3, hävarm och kedja	JOSAM Bohrmaschine BL3, Hebel und Kette
16	JO1705	11340	1	Thread protection for cylinder 10 ton	Gängskydd för cylinder 10 ton	Gewindeschutz Zylinder 10 Tonnen
17	JO1713	11344	1	Thread protection for cylinder 20 ton	Gängskydd för cylinder 20 ton	Gewindeschutz Zylinder 20 Tonnen



We know that the product is never better than the support and training provided.

After nearly five decades in this business we have the absolute best support and training capability in the industry. This will secure that your investment in our equipment is sustainable.

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MANUFACTURER:



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