

# Stieber Rippenbogen Retractor

## Aufbauhinweise

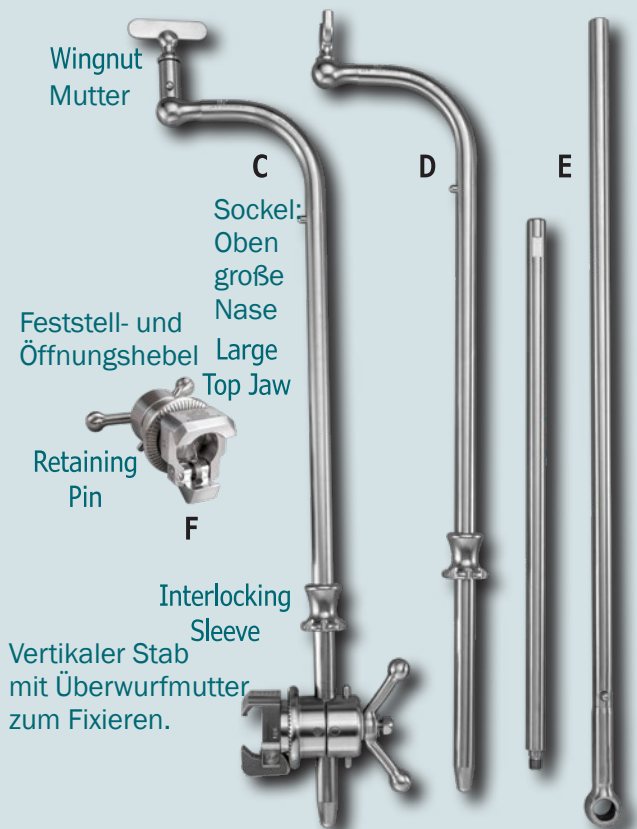
### Bild Anleitung

## Teile

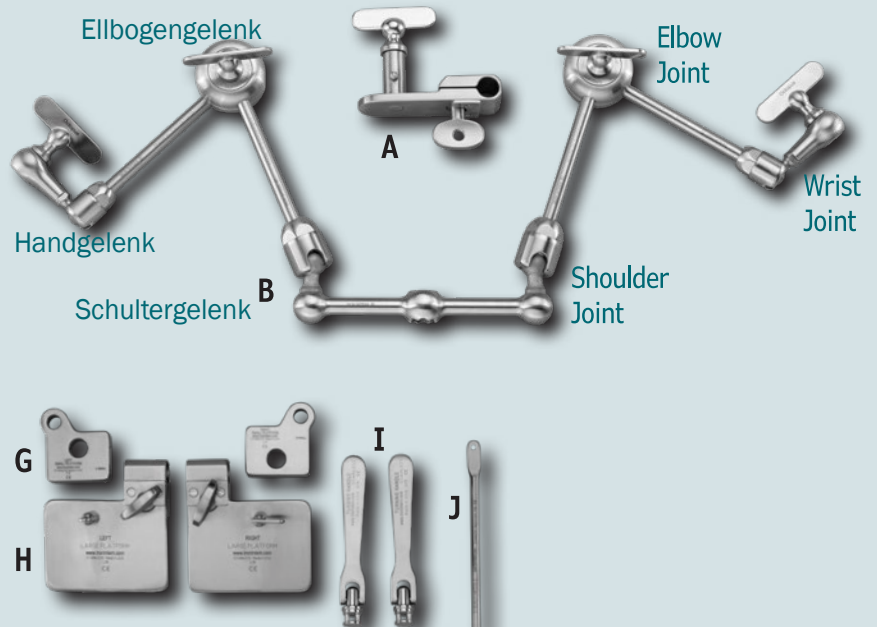
G-110 Stieber Kit



- A Optional: LEE Center
- B Optional: Hydra Arm
- C Vertical Pole with Wingnut Haltestab vertikal Gewinde
- D Vertical Pole with V-Notch Haltestab vertikal Gabel
- E Two-Piece Horizontal Bar Querstange verschraubt
- F Grooved 3/D Swinger Rail Clamp (x2) Socket
- G Stieber Small Platform (Left & Right) Plattform klein links & rechts
- H Stieber Large Platform (Left & Right) Plattform groß links & rechts
- I Stieber Turning Handle (x2) Kurbel 2 mal je links & rechts identisch
- J Stieber Needle Nadelöffnung
- K 2 Pairs of Stieber Ratcheted Handle Zahnstangen mit Retractoren 2x



Optional: Hydra Arm mittig auf Stange für Retractoren.



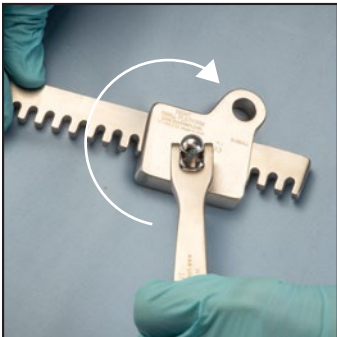
## Aufbau Hinweise Schritt für Schritt Blatt 1 von 3



### Assemble the Platforms

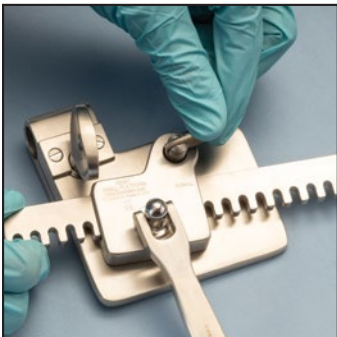
**1** Place the STIEBER TURNING HANDLE through the hole of the SMALL RIGHT PLATFORM.

Kurbel in kleine Plattform.



**2** Insert the end of a RATCHETED BLADE **WITH THE BLADE CURVING DOWN** into the SMALL RIGHT PLATFORM and feed through by circling the HANDLE clockwise.

Zahnstangen in kleine Plattform.



**3** Fit the hole in the STIEBER SMALL RIGHT PLATFORM over the pin on the STIEBER LARGE RIGHT PLATFORM. Fold the pin down to lock into place.

Kleine in große Plattform auf Pin, je links und rechts.



### Install the Frame

**4** Fully open the GROOVED 3/D SWINGER RAIL CLAMP by turning the WINGNUT counterclockwise.

Socket komplett öffnen.

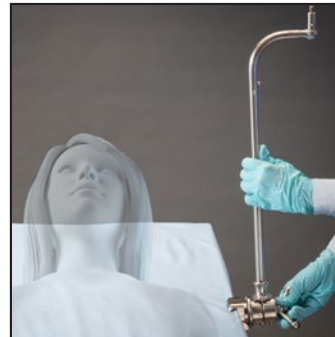


**5** Attach the GROOVED 3/D SWINGER RAIL CLAMP onto the bed rail on the **LEFT SIDE OF THE PATIENT**. Hook the larger and wider jaw onto the bed rail edge with the lower jaw resting underneath the bed rail.

Socket an OP Schiene.

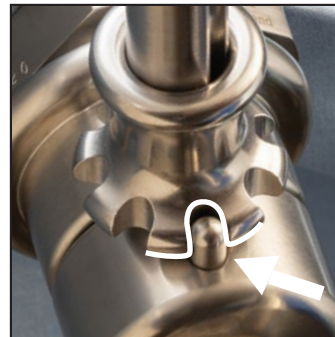


**6** Insert the VERTICAL POLE WITH WINGNUT through the top of the GROOVED 3/D SWINGER RAIL CLAMP with the **POLE CURVING AWAY** from the patient. Vertikale Stange einsetzen. Biegung weg vom Patient,

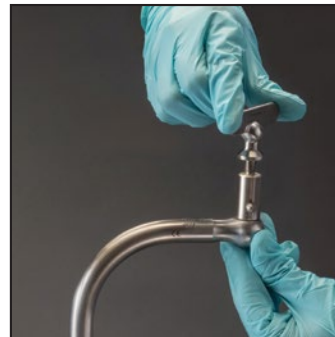


**IMPORTANT**  
The VERTICAL POLE WITH WINGNUT **MUST BE SET UP ON THE PATIENT'S LEFT SIDE.**

Stange mit Gewinde links vom Patient.



**7** Move the INTERLOCKING SLEEVE to sit on top of the GROOVED 3/D SWINGER RAIL CLAMP. Align the sleeve notch with the retaining pin to secure. Secure the GROOVED 3/D SWINGER RAIL CLAMP by tightening the WINGNUT clockwise.



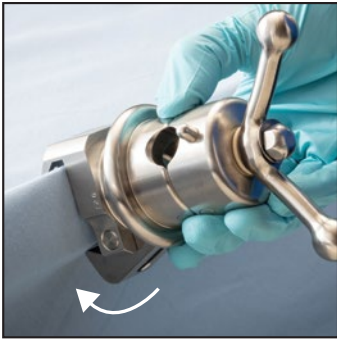
**8** Remove the WINGNUT from the top of the POLE and set aside. Mutter lösen und bei Seite legen, Stange mit Gabel rechts installieren.



**9** Fully open the GROOVED 3/D SWINGER RAIL CLAMP by turning the WINGNUT counterclockwise.

Socket komplett öffnen.

## Aufbau Hinweise Schritt für Schritt Blatt 2 von 3



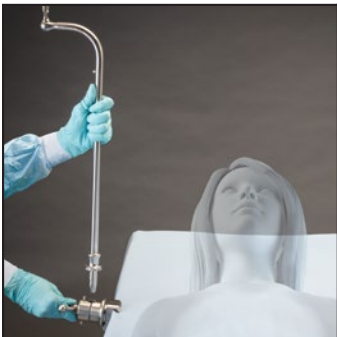
**10**

Attach the **GROOVED 3/D SWINGER RAIL CLAMP** onto the bed rail on the **RIGHT SIDE OF THE PATIENT**. Hook the larger and wider jaw onto the bed rail edge with the lower jaw resting underneath the bed rail. Sockel an OP Schiene.



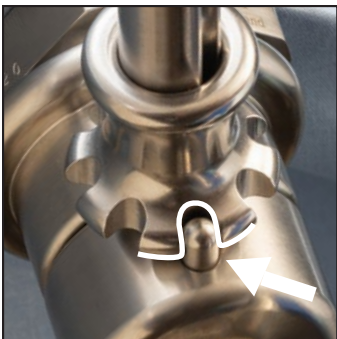
**11**

Insert the **VERTICAL POLE WITH V-NOTCH** through the top of the **GROOVED 3/D SWINGER RAIL CLAMP** with the **POLE CURVING AWAY** from the patient. Vertikale Stange einsetzen. Biegung weg vom Patient,



**IMPORTANT**  
MAKE SURE THE  
POLE IS CURVING  
AWAY FROM THE  
PATIENT.

Vertikale Stange einsetzen.  
Biegung weg vom Patient,



**12**

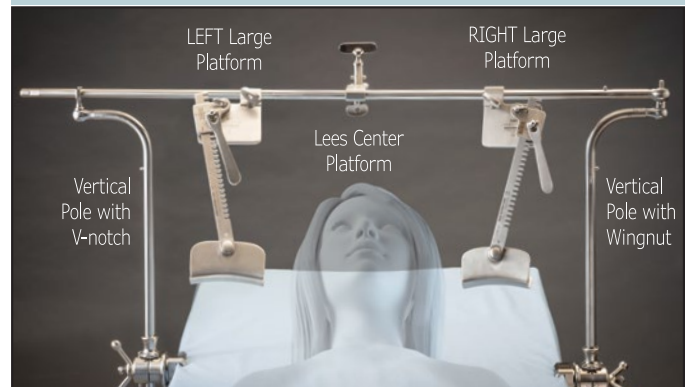
Move the **INTERLOCKING SLEEVE** to sit on top of the **GROOVED 3/D SWINGER RAIL CLAMP**. Align the sleeve notch with the retaining pin to secure. Secure the **GROOVED 3/D SWINGER RAIL CLAMP** by tightening the **WINGNUT** clockwise.



**13**

Assemble the two pieces of the **HORIZONTAL BAR**. Slide the **HORIZONTAL BAR** circular end over the screw top of the **VERTICAL POLE WITH WINGNUT**. Leave the other end of the **HORIZONTAL BAR** unattached. Verschraubte Querstange einlegen noch nicht mit Mutter sichern.

### CORRECT PLACEMENT of PLATFORMS



### Attach the Platforms

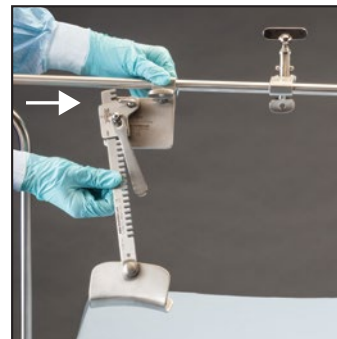
**14**

Slide the **RIGHT LARGE PLATFORM** onto the **HORIZONTAL BAR** and finger tighten. Rechte Plattform aufschieben, Schraube mit Hand anziehen.



**15**

Next slide the **LEES CENTER PLATFORM** with wingnut facing up and away from the patient, onto the **HORIZONTAL BAR** and finger tighten. **OPTIONAL!** Zentral Platform aufschieben. Per Hand festziehen.



**16**

Slide the **LEFT LARGE PLATFORM** onto the **HORIZONTAL BAR** and finger tighten. Linke Plattform aufschieben, Schraube mit Hand anziehen. *Continued...*

## Aufbau Hinweise Schritt für Schritt Blatt 3 von 3



**17**  
Set the end of the HORIZONTAL BAR onto the VERTICAL POLE WITH V-NOTCH.

Querstange in Gabel einlegen.



**18**  
Attach the HYDRA YOKE DOUBLE ARM to the LEES CENTER PLATFORM making sure **THE SCALLOPED EDGE OF THE YOKE FACES DOWN**, and secure with the WINGNUT.  
OPTIONAL: Hydra Arm aufsetzen.



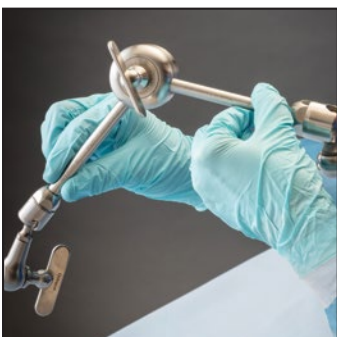
**19**  
Secure the HORIZONTAL BAR to the VERTICAL POLE WITH WINGNUT with the set aside WINGNUT.

Querstange mit Mutter fixieren.



### Configure the Arms

**20**  
Insert a BLADE HANDLE into the WRIST JOINT and secure by turning the WRIST WINGNUT clockwise.  
OPTIONAL: Hydra mit Retractoren bestücken.



**21**  
Position the HYDRA YOKE ARMS as desired.

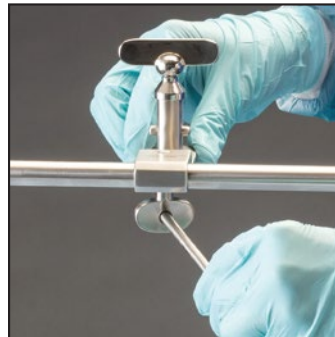
OPTIONAL: Hydra mit justieren.



**22**  
Secure the HYDRA ARMS by tightening the ELBOW WINGNUTS.

Loosen the ELBOW WINGNUTS to allow manipulation of the HYDRA ARMS.

OPTIONAL: Hydra fixieren.



### Stieber Needle

Use the STIEBER NEEDLE to assist in tightening LEES CENTER PLATFORM and STIEBER LARGE PLATFORMS if desired.

ACHTUNG: NADEL NUR ZUM ÖFFNEN. NICHT ZUM FEST ZIEHEN.

### GENERELLE HINWEISE:

QUERSTANGE NICHT SCHIEF ZUSAMMEN SCHRAUBEN.

HAND ODER FINGER KRAFT GENÜGT ZUM FIXIEREN UND FEST ZIEHEN.

ÖFFNUNGNADEL NUR ZUM ÖFFNEN; NICHT ZUM FESTZIEHEN.

SO STANGE IM SOCKEL FEST, AN STANGE OBEN RÜTTELN, DIES LÖST ZUVERLÄSSIG, NICHT MIT HAMMER ODER ANDEREM STAHL SCHLAGEN.