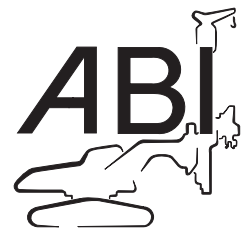


Marken der  
Brands of **ABI Gruppe**



Weitere Informationen erhalten Sie bei Ihrem ABI Vertriebspartner. Oder besuchen Sie uns im Internet unter: [www.delmag.de](http://www.delmag.de). Änderungen in Konstruktion und Ausstattung sind vorbehalten. Die Angaben in diesem Prospekt sind als annähernd zu betrachten. Die Abbildungen können auch Sonderausstattungen enthalten, die nicht zum serienmäßigen Lieferumfang gehören.

For further informations please contact your ABI sales assistant. Or you visit us on the Internet at [www.delmag.de](http://www.delmag.de). Design subject to modifications. The details in this leaflet have to be regarded as approximate. The illustrations also can contain special outfits which are not part of the standard scope of supply.

ABI Maschinenfabrik  
und Vertriebsgesellschaft mbH  
Am Knüchel 4  
D-63843 Niedernberg  
Germany

Telefon: +49 (0) 6028 123-101, -102  
Telefax: +49 (0) 6028 123-109  
eMail: [info@abi-gmbh.de](mailto:info@abi-gmbh.de)

[www.abi-group.com](http://www.abi-group.com)

# Drehbohranlage

## Drilling Rig



RHV 40



Technische Daten - Technical data

Drehbohranlage RHV 40

|           |                        |    |           |
|-----------|------------------------|----|-----------|
| Nutzlänge |                        |    |           |
|           | Bohrtischhub           | mm | 21000     |
| A         | Gesamthöhe über Planum | mm | 29930     |
| B         | Ausladung              | mm | 4600-5000 |
|           | Rohrschußlänge max.    | mm | 8000*     |
|           | freier Durchmesser     |    |           |
|           | vor den Seilrollen     | mm | 2430      |

|        |                           |      |          |
|--------|---------------------------|------|----------|
| Mäkler |                           |      |          |
| C      | Bodenfreiheit - Mäklerfuß | mm   | 1730     |
|        | Neigung Vor / Zurück      | Grad | 3,8 / 14 |
|        | Neigung Rechts / Links    | Grad | 4 / 4    |

|               |                                   |       |           |
|---------------|-----------------------------------|-------|-----------|
| Vorschubwinde |                                   |       |           |
|               | Vorschubkraft Auf nom./eff., max. | kN    | 630 / 500 |
|               | Vorschubkraft Ab nom./eff., max.  | kN    | 440 / 350 |
|               | Geschw. Last- / Eilgang, max.     | m/min | 4,6 / 23  |

|                         |                           |       |           |
|-------------------------|---------------------------|-------|-----------|
| Kellywinde mit Freilauf |                           |       |           |
|                         | Seilkraft nom./eff., max. | kN    | 385 / 300 |
|                         | Geschwindigkeit max.      | m/min | 60        |

|            |                           |       |           |
|------------|---------------------------|-------|-----------|
| Hilfswinde |                           |       |           |
|            | Seilkraft nom./eff., max. | kN    | 150 / 120 |
|            | Geschwindigkeit max.      | m/min | 30        |

|                   |                                       |    |        |
|-------------------|---------------------------------------|----|--------|
| Transportgewichte |                                       |    |        |
|                   | ohne Kelly, Bohrtisch, Mäkleroberteil | kg | 114000 |
|                   | ohne Kelly, Bohrtisch, Mäkleroberteil | kg | 90000  |
|                   | und ohne Gegengewicht                 | kg | 7400   |
|                   | Mäkleroberteil                        | kg |        |

|                                   |        |    |       |
|-----------------------------------|--------|----|-------|
| Transportmaße ohne Mäkleroberteil |        |    |       |
| D                                 | Länge  | mm | 19000 |
| E                                 | Höhe   | mm | 3580  |
|                                   | Breite | mm | 3500  |

|                              |        |    |       |
|------------------------------|--------|----|-------|
| Transportmaße Mäkleroberteil |        |    |       |
| G                            | Länge  | mm | 15870 |
| H                            | Höhe   | mm | 3400  |
|                              | Breite | mm | 2250  |

\* mit Kellystange K 495/3-40

Trägergerät T 121 D

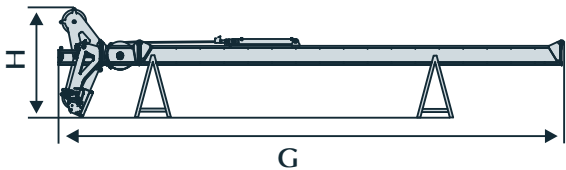
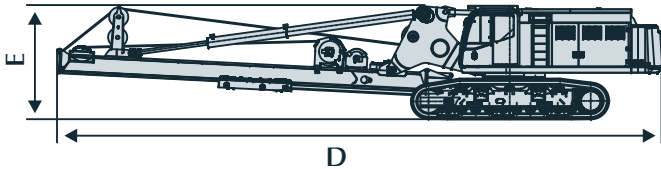
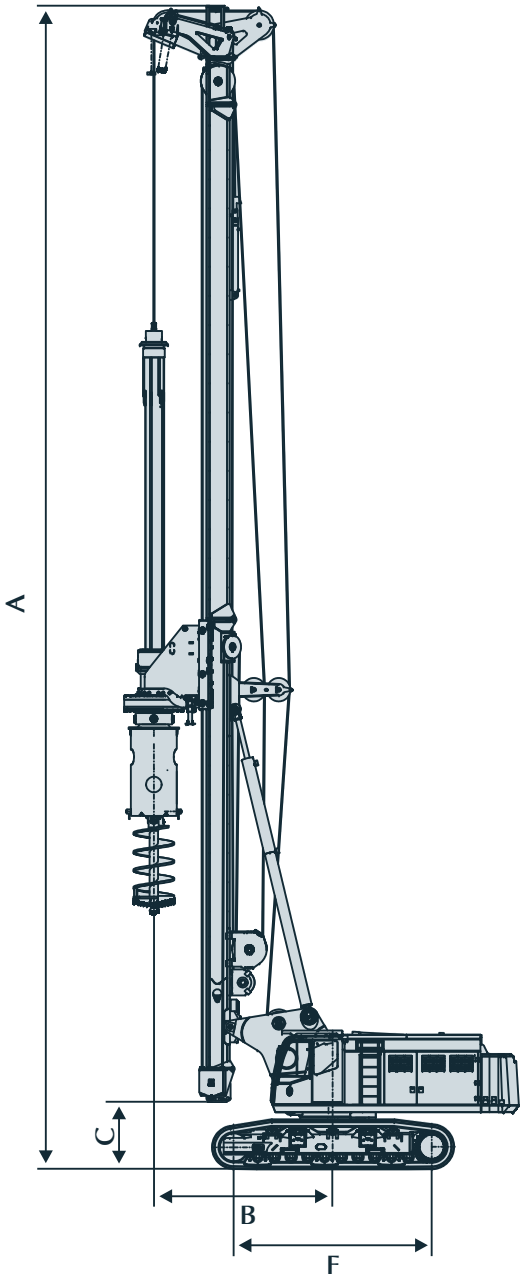
|   |                                                |    |           |
|---|------------------------------------------------|----|-----------|
|   | Motor Scania DC 16 (EU Stufe IIIB)             | kW | 405       |
|   | Option CAT C15 (EU Stufe IIIB, US EPA Tier 4i) | kW | 403       |
|   | (andere Schadstoffklassen auf Anfrage)         |    |           |
|   | Spurbreite                                     | mm | 2600-3900 |
| F | Radstand                                       | mm | 5095      |
|   | Bodenplatten                                   | mm | 900       |
|   | Heckradius                                     | mm | 4800      |

Bohrtisch BT 400 / 495

|  |               |                   |           |
|--|---------------|-------------------|-----------|
|  | Drehmoment    | kNm               | 0-400     |
|  | Drehzahl      | min <sup>-1</sup> | 0-25 / 50 |
|  | Gesamtgewicht | kg                | 9200      |

Kellystangen

|             |                            |
|-------------|----------------------------|
| K 495/3-27  |                            |
| K 495/3-33  |                            |
| K 495/3-40  |                            |
| K 495/4-44  | (nur Drehmoment reduziert) |
| K 495/4-52  | (nur Drehmoment reduziert) |
| FK 495/2-28 |                            |



Drilling Rig RHV 40

|               |                               |    |           |
|---------------|-------------------------------|----|-----------|
| Usable length |                               |    |           |
|               | Stroke                        | mm | 21000     |
| A             | Total height above ground     | mm | 29930     |
| B             | Reach                         | mm | 4600-5000 |
|               | Casing length max.            | mm | 8000*     |
|               | Free diameter                 |    |           |
|               | in front of the crowd pulleys | mm | 2430      |

|      |                                |      |          |
|------|--------------------------------|------|----------|
| Mast |                                |      |          |
| C    | Ground clearance - mast foot   | mm   | 1730     |
|      | Inclination forward / backward | Deg. | 3,8 / 14 |
|      | Inclination right / left       | Deg. | 4 / 4    |

|             |                             |       |           |
|-------------|-----------------------------|-------|-----------|
| Crowd winch |                             |       |           |
|             | Force pull nom./eff., max.  | kN    | 630 / 500 |
|             | Force crowd nom./eff., max. | kN    | 440 / 350 |
|             | Speed working / rapid, max. | m/min | 4,6 / 23  |

|             |                           |       |           |
|-------------|---------------------------|-------|-----------|
| Kelly winch |                           |       |           |
|             | Line pull nom./eff., max. | kN    | 385 / 300 |
|             | Rope speed max.           | m/min | 60        |

|                 |                           |       |           |
|-----------------|---------------------------|-------|-----------|
| Auxiliary winch |                           |       |           |
|                 | Line pull nom./eff., max. | kN    | 150 / 120 |
|                 | Rope speed max.           | m/min | 30        |

|                  |                                               |    |        |
|------------------|-----------------------------------------------|----|--------|
| Transport weight |                                               |    |        |
|                  | without kelly, rotary head, mast - upper part | kg | 114000 |
|                  | without kelly, rotary head, mast - upper part | kg | 90000  |
|                  | and without counter weight                    | kg | 7400   |
|                  | Mast - upper part                             | kg |        |

|                                                |        |    |       |
|------------------------------------------------|--------|----|-------|
| Transport dimensions without mast - upper part |        |    |       |
| D                                              | Length | mm | 19000 |
| E                                              | Height | mm | 3580  |
|                                                | Width  | mm | 3500  |

|                                        |        |    |       |
|----------------------------------------|--------|----|-------|
| Transport dimensions mast - upper part |        |    |       |
| G                                      | Length | mm | 15870 |
| H                                      | Height | mm | 3400  |
|                                        | Width  | mm | 2250  |

\* with Kelly bar K 495/3-40

Carrier unit T 121 D

|   |                                                |    |           |
|---|------------------------------------------------|----|-----------|
|   | Engine Scania DC 16 (EU Stage IIIB)            | kW | 405       |
|   | Option CAT C15 (EU Stufe IIIB, US EPA Tier 4i) | kW | 403       |
|   | (other emission standards on request)          |    |           |
|   | Track gauge                                    | mm | 2600-3900 |
| F | Wheel base                                     | mm | 5095      |
|   | Track shoes                                    | mm | 900       |
|   | Swing radius - rear                            | mm | 4800      |

Rotary head BT 400 / 495

|  |              |                   |         |
|--|--------------|-------------------|---------|
|  | Torque       | kNm               | 0-400   |
|  | Revolutions  | min <sup>-1</sup> | 0-25/50 |
|  | Total weight | kg                | 9200    |

Kelly bars

|             |                       |
|-------------|-----------------------|
| K 495/3-27  |                       |
| K 495/3-33  |                       |
| K 495/3-40  |                       |
| K 495/4-44  | (reduced torque only) |
| K 495/4-52  | (reduced torque only) |
| FK 495/2-28 |                       |

