

# ***SP406 Manipulator***

**Manipulator for rod & casing handling**

**Manipulator für Gestänge und Rohre**

**Manipulator för stång & rör hantering**

**Rev4**



## English

### Double grab with or without spinner

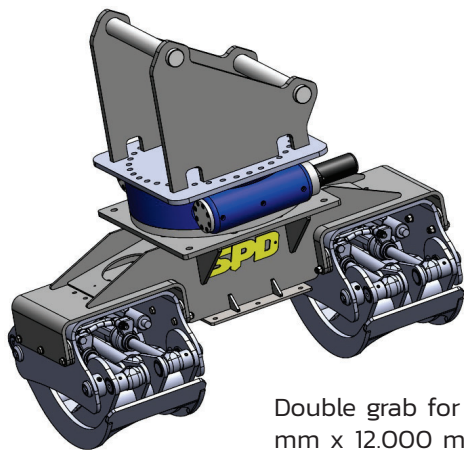
|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| Length (transport)            | 2.000 mm                                               |
| Width                         | 1.400 mm                                               |
| Height (transport)            | 1.750 mm                                               |
| Weight                        | 1.650 kg                                               |
| Recommended carrier           | >25 ton                                                |
| Minimum handling diameter     | Ø 100 mm                                               |
| Maximum handling diameter     | Ø 406 mm (opening 600 mm)                              |
| Maximum handling length       | 12.000 mm                                              |
| Maximum handling weight       | 5.000 kg                                               |
| Maximum spinning torque       | 8 kNm                                                  |
| Grab system                   | HSP 025C                                               |
| Hydraulic supply              | Excavator's auxilliary line - Danfoss PVG32 3 sections |
| Recommended hydraulic setting | 25-60 liter @ 250 bar + 30 bar                         |
| Controls                      | SPD Can bus remote control                             |

### Single grab

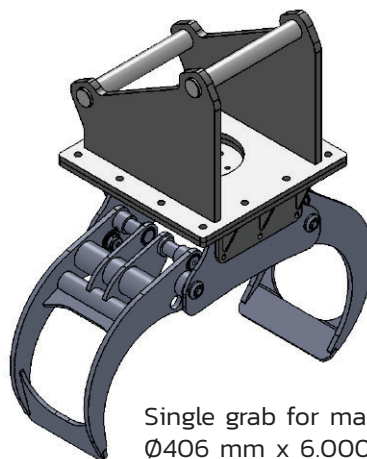
|                                 |                                 |
|---------------------------------|---------------------------------|
| Length (transport)              | 700 mm                          |
| Width                           | 1.000 mm                        |
| Height (transport)              | 1.400 mm                        |
| Weight                          | 330 kg (without quick coupling) |
| Recommended carrier             | >25 ton                         |
| Minimum handling diameter       | Ø 100 mm                        |
| Maximum handling diameter       | Ø 406 mm (opening 600 mm)       |
| Maximum handling length         | 6.000 mm                        |
| Maximum handling weight         | 5.000 kg                        |
| Grab system                     | HSP 025C                        |
| Hydraulic supply                | Excavator's auxilliary lines    |
| Reccommended hydraulic settings | 40-70 liter @ 250 bar           |

### Additional equipment

|                                       |                                  |
|---------------------------------------|----------------------------------|
| Spinner module                        | Optional                         |
| Slew drive for side inclination       | IMO slew drive                   |
| Customer quick coupling for excavator | Customer choice, (bolted flange) |



Double grab for max Ø406  
mm x 12.000 mm



Single grab for max  
Ø406 mm x 6.000 mm

## Deutsch

### Doppelgreifer mit oder ohne Drehvorrichtung

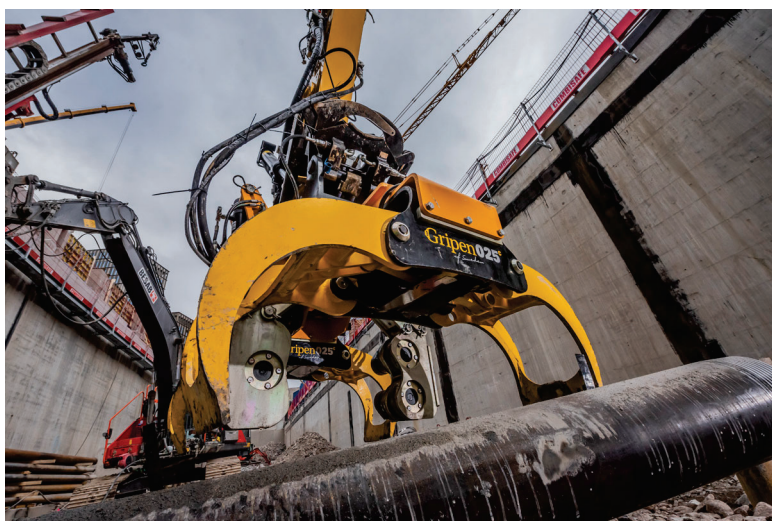
|                                 |                                                   |
|---------------------------------|---------------------------------------------------|
| Länge (Transport)               | 2.000 mm                                          |
| Breite (Transport)              | 1.400 mm                                          |
| Höhe (Transport)                | 1.750 mm                                          |
| Gewicht                         | 1.650 kg                                          |
| Empfohlenes Trägergerät         | >25 ton                                           |
| Min. Durchmesser                | Ø 100 mm                                          |
| Max. Durchmesser                | Ø 406 mm (Spannweite 600 mm)                      |
| Max. Gestängelänge              | 12.000 mm                                         |
| Max. Gestängewicht              | 5.000 kg                                          |
| Max. Drehmoment Drehvorrichtung | 8 kNm                                             |
| Greifersystem                   | HSP 025C                                          |
| Hydraulische Versorgung         | Baggerarbeitsleitungen - Danfoss PVG32 3 sections |
| Hydraulische Einstellungen      | 25-60 liter @ 250 bar + 30 bar                    |
| Steuerung                       | SPD Can bus Fernsteuerung                         |

### Einfachgreifer

|                            |                              |
|----------------------------|------------------------------|
| Länge (Transport)          | 700 mm                       |
| Breite (Transport)         | 1.000 mm                     |
| Höhe (Transport)           | 1.400 mm                     |
| Gewicht                    | 330 kg                       |
| Empfohlenes Trägergerät    | >25 ton                      |
| Min. Durchmesser           | Ø 100 mm                     |
| Max. Durchmesser           | Ø 406 mm (Spannweite 600 mm) |
| Max. Gestängelänge         | 6.000 mm                     |
| Max. Gestängengewicht      | 5.000 kg                     |
| Greifersystem              | HSP 025C                     |
| Hydraulische Versorgung    | Baggerarbeitsleitungen       |
| Hydraulische Einstellungen | 40-70 liter @ 250 bar        |

### Optionales Zubehör

|                            |                           |
|----------------------------|---------------------------|
| Rohrdrehvorrichtung        | Optional                  |
| Drehring für Seitenneigung | IMO slew drive            |
| Baggerschnellwechsler      | Kundwahl, (Flanschplatte) |





## Svenska

### Dubbelgrip med eller utan spinner

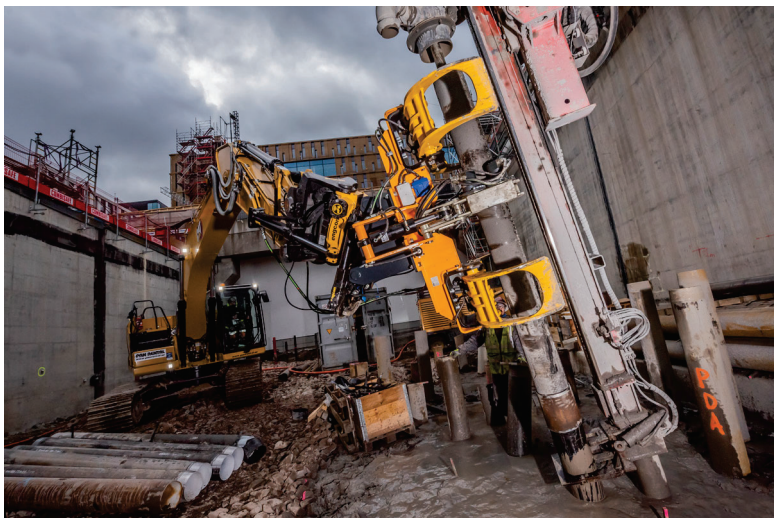
|                                       |                                                          |
|---------------------------------------|----------------------------------------------------------|
| Längd (transport)                     | 2.000 mm                                                 |
| Bredd                                 | 1.400 mm                                                 |
| Höjd (transport)                      | 1.750 mm                                                 |
| Vikt                                  | 1.650 kg                                                 |
| Rekommenderad bärare                  | >25 ton                                                  |
| Minimum rör-diameter                  | Ø 100 mm                                                 |
| Maximum rör-diameter                  | Ø 406 mm (öppnar 600 mm)                                 |
| Maximum rör-längd                     | 12.000 mm                                                |
| Maximum rör-vikt                      | 5.000 kg                                                 |
| Maximum åtdragningsmoment             | 8 kNm                                                    |
| Gripsystem                            | HSP 025C                                                 |
| Hydrauliktillförsel                   | Grävarens X1 hammarhydraulik – Danfoss PVG32 3 sektioner |
| Rekommenderade hydraulikinställningar | 25-60 liter @ 250 bar + 30 bar                           |
| Kontroller                            | SPD Can bus remote control                               |

### Enkelgrip

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Längd (transport)                     | 700 mm                          |
| Bredd                                 | 1.000 mm                        |
| Höjd (transport)                      | 1.400 mm                        |
| Vikt                                  | 330 kg (without quick coupling) |
| Rekommenderad bärare                  | >25 ton                         |
| Minimum rör-diameter                  | Ø 100 mm                        |
| Maximum rör-diameter                  | Ø 406 mm (öppnar 600 mm)        |
| Maximum rör-längd                     | 6.000 mm                        |
| Maximum rör-vikt                      | 5.000 kg                        |
| Gripsystem                            | HSP 025C                        |
| Hydrauliktillförsel                   | Excavator's auxilliary lines    |
| Rekommenderade hydraulikinställningar | 40-70 liter @ 250 bar           |

### Tillvalsutrustning

|                         |                            |
|-------------------------|----------------------------|
| Spinner modul           | Tillval                    |
| Svängkrans för sidotilt | IMO slew drive             |
| Kundval snabbfäste      | Kundval (bultad plåtfläns) |



**Spinner with parallelogram arms**  
**Drehvorrichtung mit Parallelogrammspanner**  
**Ø100 mm - Ø406 mm**











**Spinner option for threaded casings**  
**Drehvorrichtung Option für Gewinderohre**  
**Spinner för gängade foderrör**



**Fridhemsgatan 16  
733 39 Sala, SWEDEN  
Org.nr: 556653-4565**

**+46 (0)224-138 10  
info@spd.se  
www.spd.se**