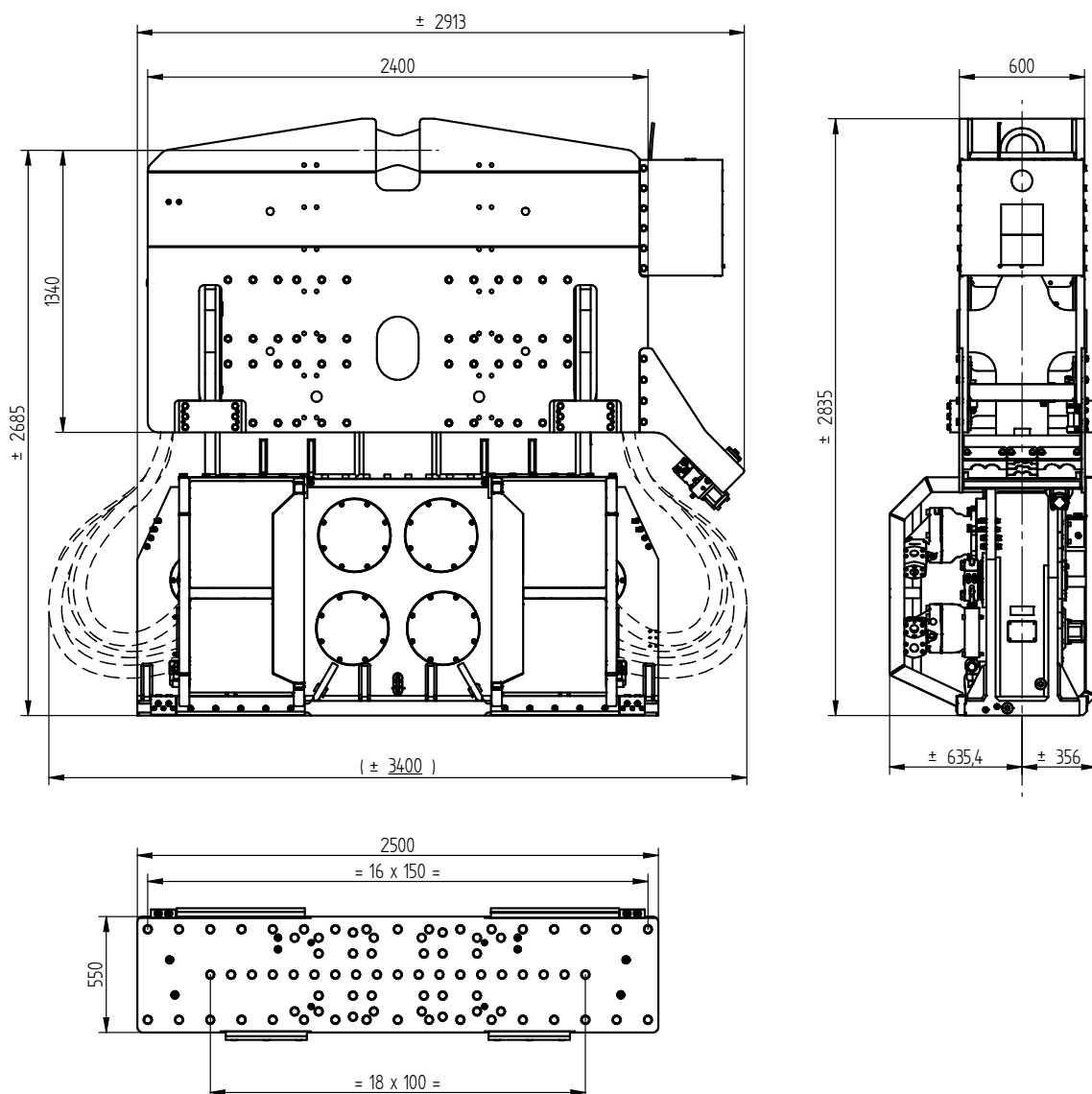
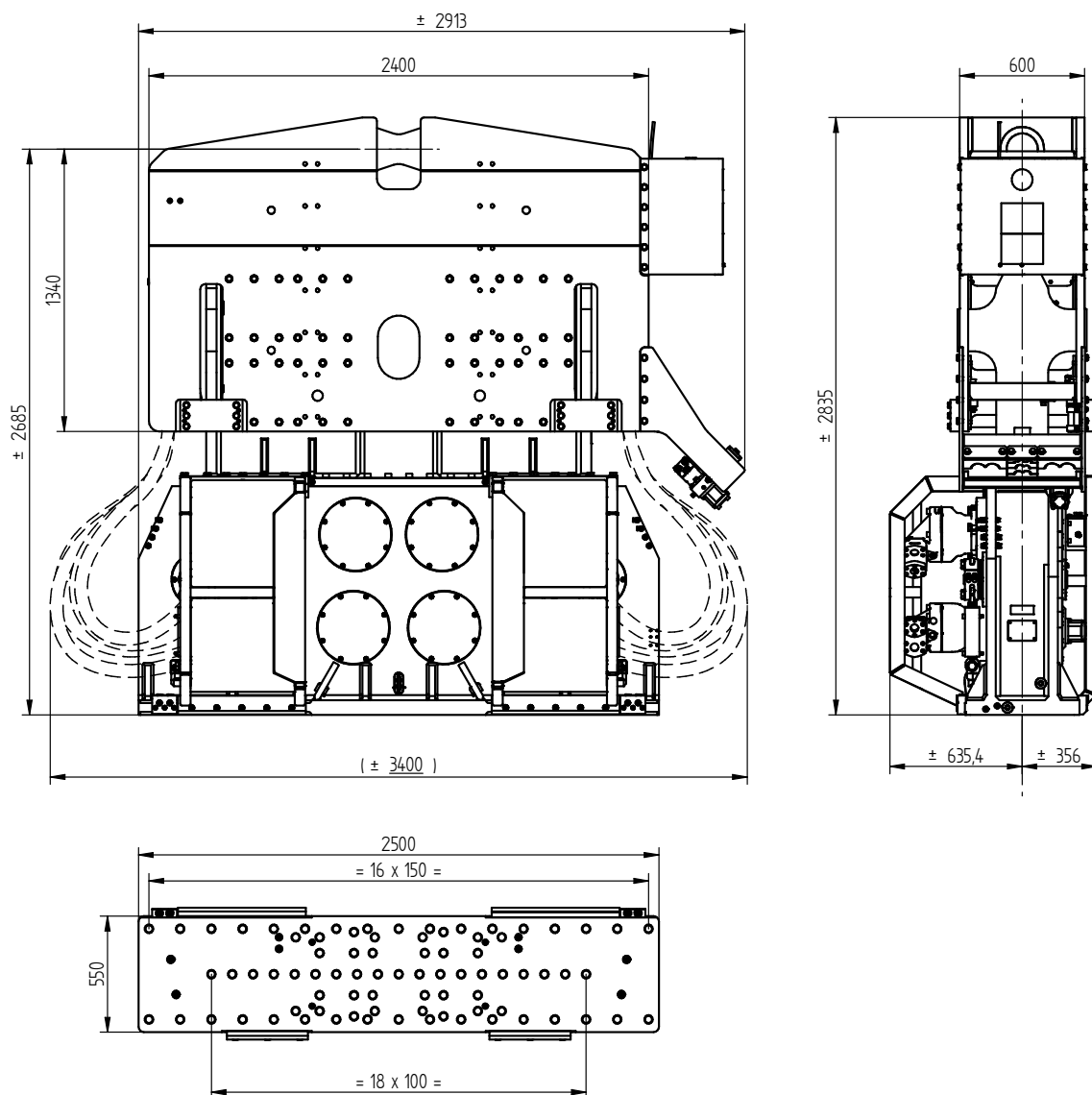




#### Specifications :

#### ICE 50RF

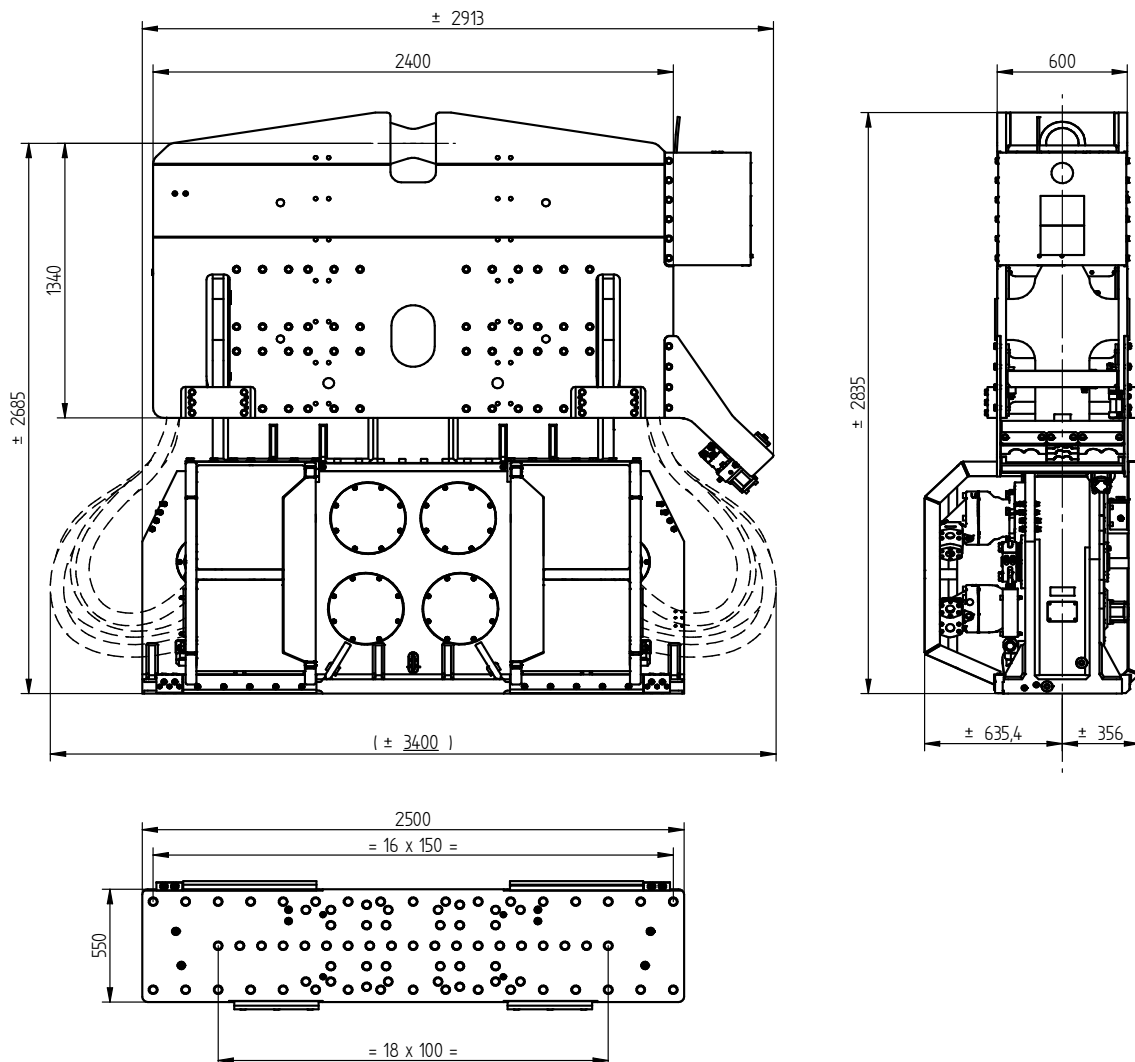
|                                  |                |                            |             |
|----------------------------------|----------------|----------------------------|-------------|
| Eccentric moment                 | 0-50 kgm       | <b>Clamps:</b>             |             |
| Max. centrifugal force           | 0-2900 kN      | Sheet pile clamp           | 350TU       |
| Max. frequency                   | 2300 rpm       | Transport weight per piece | 2600 kg     |
| Max. amplitude excl. 350TU       | 15 mm          | Double clamps              | 175TC       |
| Max. amplitude incl. 350TU       | 10,9 mm        | Transport weight per piece | 1300 kg     |
| Max. static line-pull            | 800 kN         |                            |             |
| Max. pull-down                   | 300 kN         |                            |             |
| Max. operating pressure          | 350 bar        | <b>Powerpack:</b>          |             |
| Max. oil flow                    | 1380 l/min     | Model                      | 1600 series |
| Max. hydraulic power             | 805/1095 kW/HP |                            |             |
| Forced lubrication               | yes            |                            |             |
| Dynamic weight excl. 350TU       | 6600 kg        | <b>Hose set:</b>           |             |
| Dynamic weight incl. 350TU       | 9200 kg        | Length                     | 45 m        |
| Total weight excl. 350TU & hoses | 10060 kg       | Transport weight (±)       | 1970 kg     |



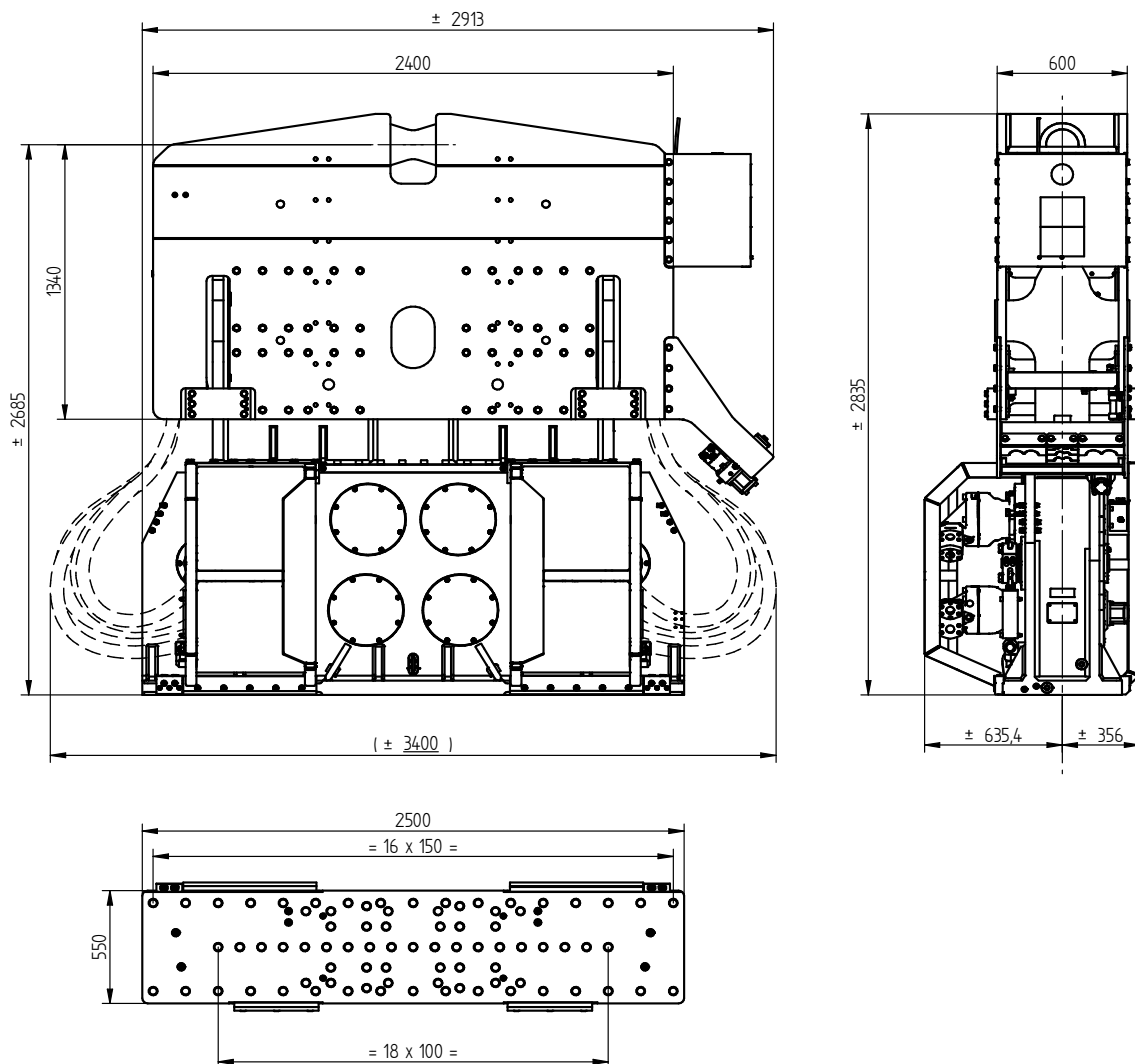
#### Technische Daten :

#### ICE 50RF

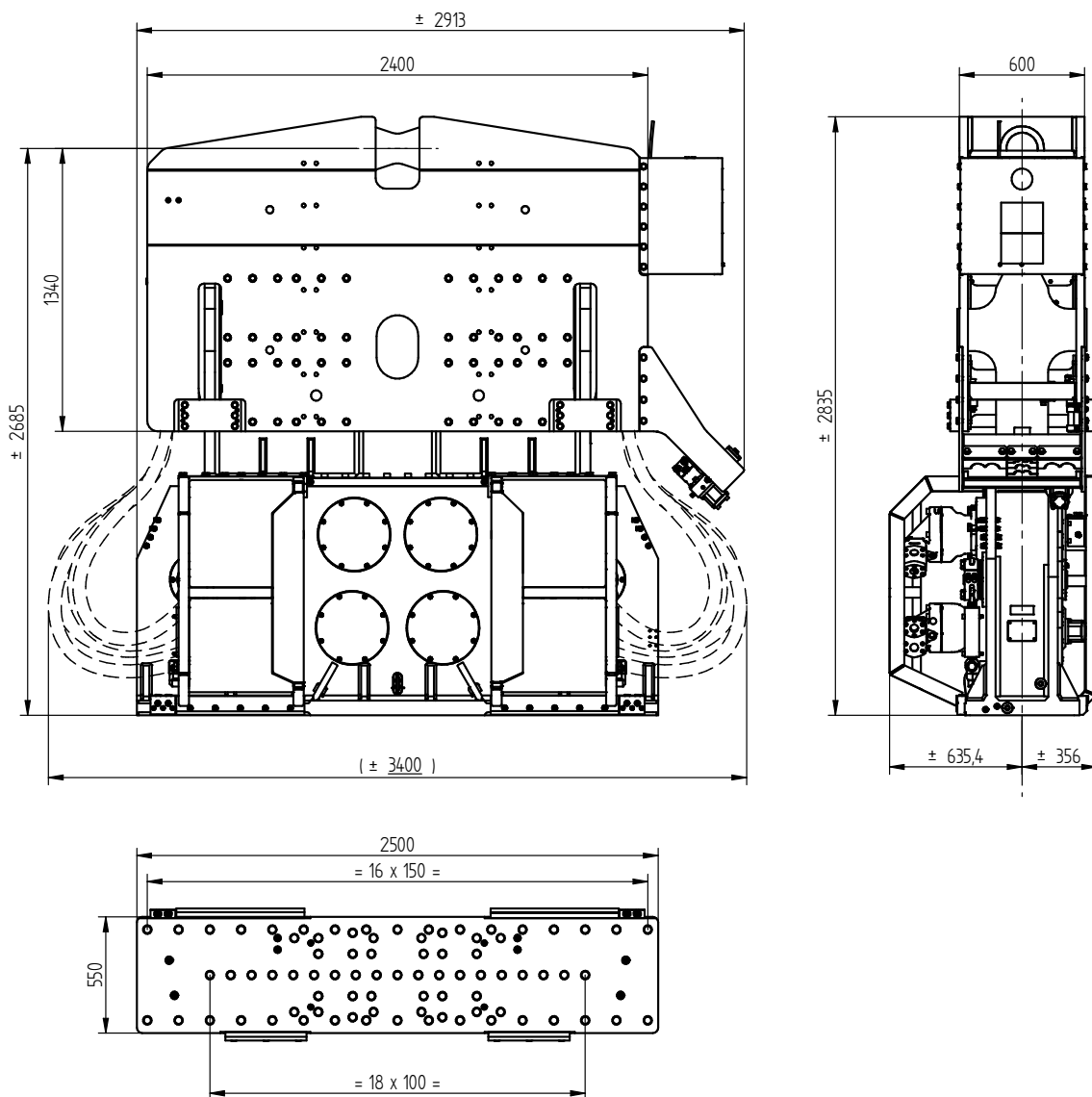
|                                   |                |                         |             |
|-----------------------------------|----------------|-------------------------|-------------|
| Statisches Moment                 | 0-50 kgm       | <b>Klemmzange:</b>      |             |
| Max. Fliehkraft                   | 0-2900 kN      | Universalzange          | 350TU       |
| Max. Drehzahl                     | 2300 rpm       | Transportgew. pro Stück | 2600 kg     |
| Max. Amplitude ohne 350TU         | 15 mm          | Rohrklemmzange          | 175TC       |
| Max. Amplitude mit 350TU          | 10,9 mm        | Transportgew. pro Stück | 1300 kg     |
| Max. Statische Zugkraft           | 800 kN         |                         |             |
| Max. Vorspannung                  | 300 kN         |                         |             |
| Max. Betriebsdruck                | 350 bar        | <b>Aggregat:</b>        |             |
| Max. Fördermenge                  | 1380 l/min     | Modell                  | 1600 series |
| Max. hydraulische Leistung        | 805/1095 kW/PS |                         |             |
| Zwangsschmierung                  | ja             |                         |             |
| Dyn. Gewicht ohne 350TU           | 6600 kg        | <b>Schlauchsatz:</b>    |             |
| Dyn. Gewicht mit 350TU            | 9200 kg        | Länge                   | 45 m        |
| Gesamtgew. Ohne 350TU & Schläuche | 10060 kg       | Transportgewicht (±)    | 1970 kg     |



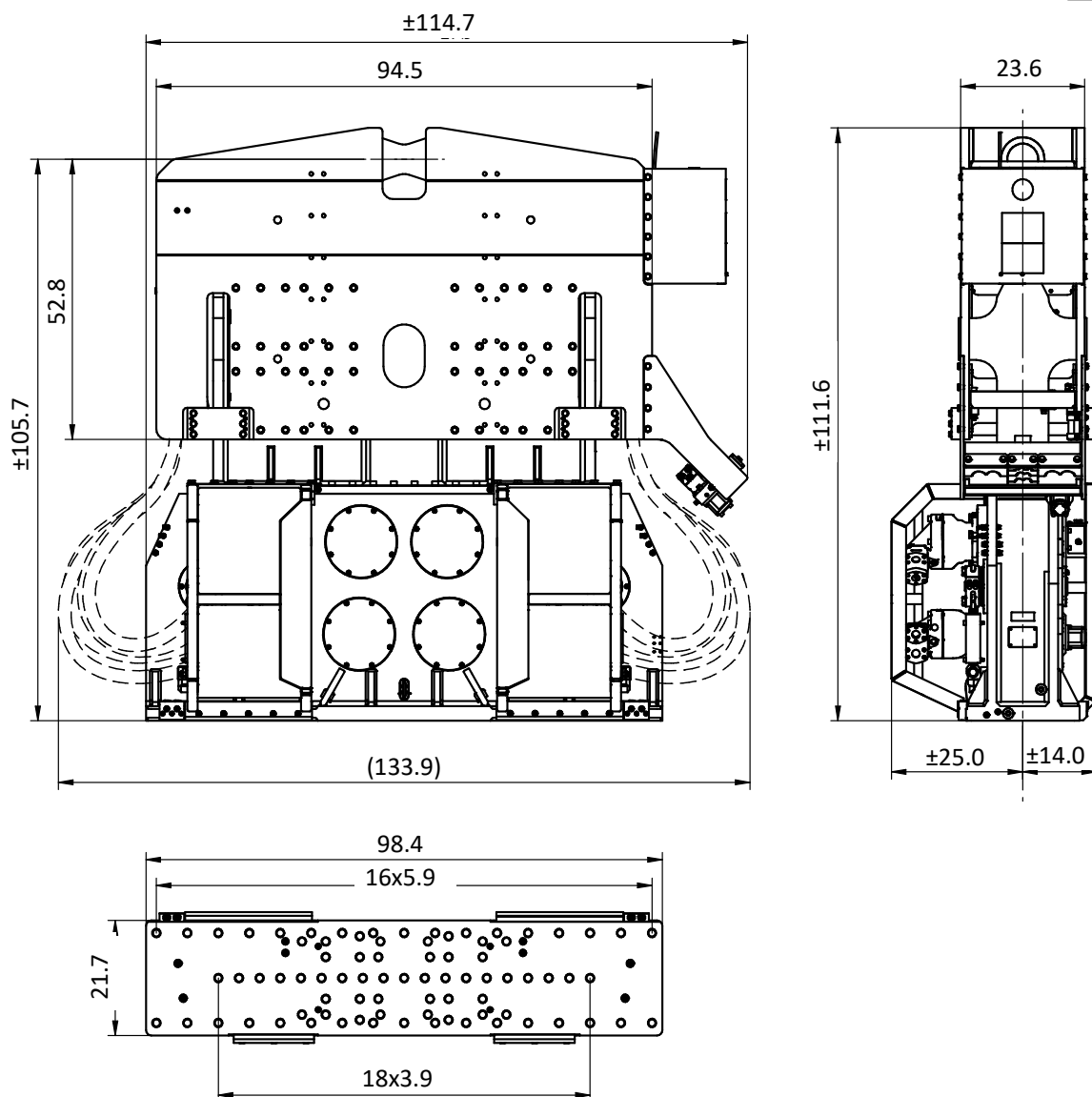
| Spécifications                  |                | ICE 50RF                     |             |
|---------------------------------|----------------|------------------------------|-------------|
| Moment excentrique              | 0-50 kgm       | <b>Pinces:</b>               |             |
| Max. force centrifuge           | 0-2900 kN      | Pince palplanche             | 350TU       |
| Max. fréquence                  | 2300 rpm       | Poids de transport par pièce | 2600 kg     |
| Max. amplitude sans 350TU       | 15 mm          | Pince tube                   | 175TC       |
| Max. amplitude avec 350TU       | 10,9 mm        | Poids de transport par pièce | 1300 kg     |
| Force de traction statique      | 800 kN         |                              |             |
| Force maximale d'appui          | 300 kN         |                              |             |
| Pression de travail max.        | 350 bar        | <b>Groupe hydraulique:</b>   |             |
| Débit d'huile max.              | 1380 l/min     | Modèle                       | 1600 series |
| Puissance hydraulique max.      | 805/1095 kW/ch |                              |             |
| Huile lubrifiante               | oui            |                              |             |
| Poids dynamique sans 350TU      | 6600 kg        | <b>Jeu de tuyau:</b>         |             |
| Poids dynamique avec 350TU      | 9200 kg        | Longueur                     | 45 m        |
| Poids total sans 350TU & tuyaux | 10060 kg       | Poids de transport (±)       | 1970 kg     |



| Specificaties                       |                | ICE 50RF                  |             |
|-------------------------------------|----------------|---------------------------|-------------|
| Excentrisch moment                  | 0-50 kgm       | <b>Klemmen:</b>           |             |
| Max. centrifugaalkracht             | 0-2900 kN      | Damwandklem               | 350TU       |
| Max. toerental                      | 2300 rpm       | Transportgewicht per klem | 2600 kg     |
| Max. amplitude excl. 350TU          | 15 mm          | Pijpenklem                | 175TC       |
| Max. amplitude incl. 350TU          | 10,9 mm        | Transportgewicht per klem | 1300 kg     |
| Max. statische trekkracht           | 800 kN         |                           |             |
| Max. voorspanning                   | 300 kN         |                           |             |
| Max. werkdruk                       | 350 bar        | <b>Aggregaat:</b>         |             |
| Max. oliedoorstroming               | 1380 l/min     | Model                     | 1600 series |
| Max. hydraulisch vermogen           | 805/1095 kW/PK |                           |             |
| Geforceerde smering                 | ja             |                           |             |
| Dynamisch gewicht excl. 350TU       | 6600 kg        | <b>Slangenset:</b>        |             |
| Dynamisch gewicht incl. 350TU       | 9200 kg        | Lengte                    | 45 m        |
| Totaalgewicht excl. 350TU & slangen | 10060 kg       | Transportgewicht (±)      | 1970 kg     |



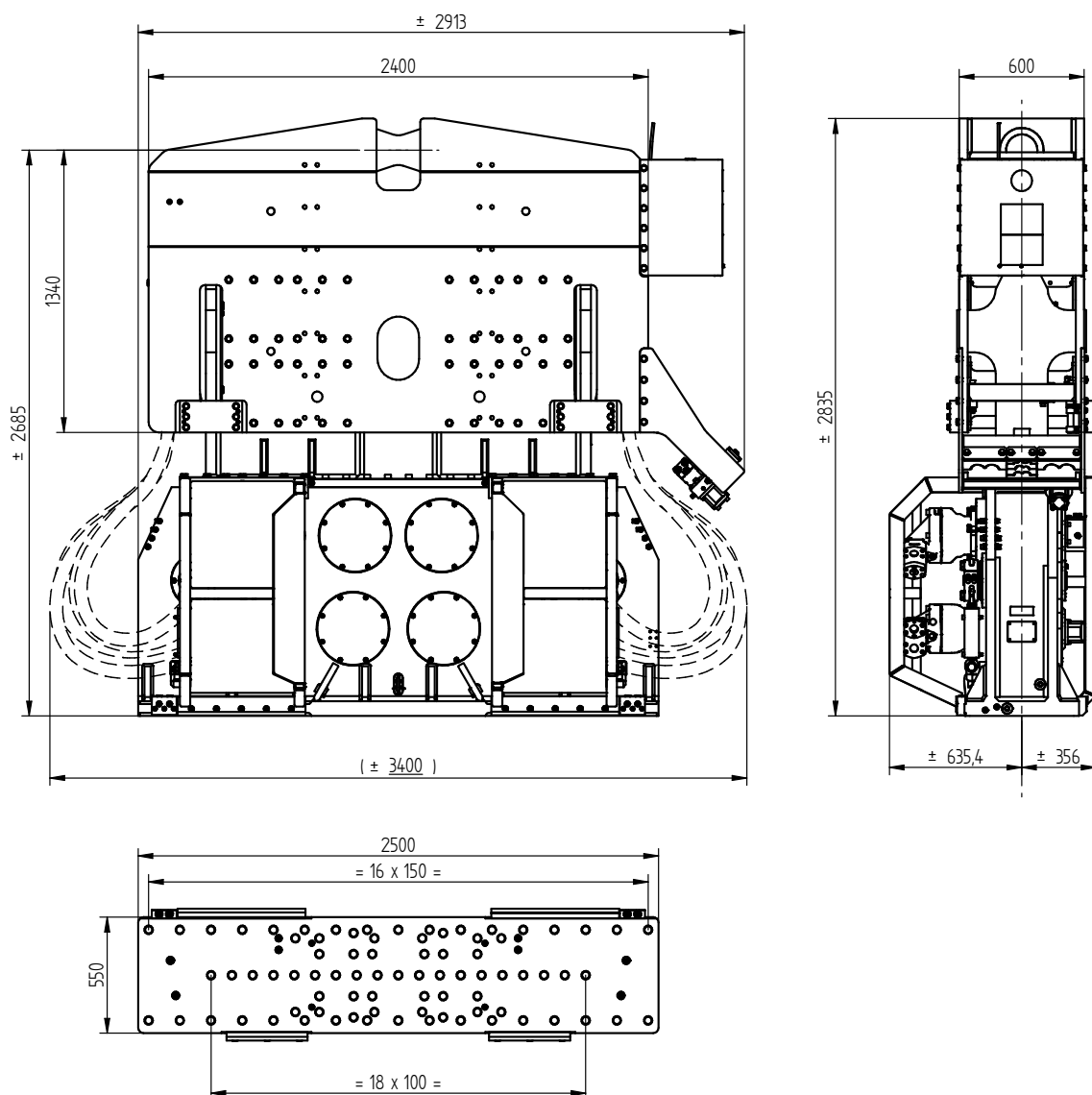
| Especificaciones                        |                | ICE 50RF                     |             |
|-----------------------------------------|----------------|------------------------------|-------------|
| Momento excéntrico                      | 0-50 kgm       | <b>Abrazadera:</b>           |             |
| Fuerza centrífuga máxima                | 0-2900 kN      | Hoja abrazadera pila         | 350TU       |
| Frecuencia máxima                       | 2300 rpm       | Peso de transporte por pieza | 2600 kg     |
| Amplitud máxima excluyendo 350TU        | 15 mm          | Abrazadera de tubo           | 175TC       |
| Amplitud máxima incluyendo 350TU        | 10,9 mm        | Peso de transporte por pieza | 1300 kg     |
| Estático tracción máxima                | 800 kN         |                              |             |
| Compresión máxima                       | 300 kN         |                              |             |
| Presión máxima de trabajo               | 350 bar        | <b>Unidad de potencia:</b>   |             |
| Flujo de aceite máximo                  | 1380 l/min     | Modelo                       | 1600 series |
| Máxima potencia hidráulica              | 805/1095 kW/HP |                              |             |
| Lubricación forzada                     | si             |                              |             |
| Peso dinámico excluyendo 350TU          | 6600 kg        | <b>Conjunto de manguera:</b> |             |
| Peso dinámico incluyendo 350TU          | 9200 kg        | Longitud                     | 45 m        |
| Peso total excluyendo 350TU & mangueras | 10060 kg       | Peso de transporte (±)       | 1970 kg     |



## Specifications

## ICE 50RF

|                                      |                |                            |             |
|--------------------------------------|----------------|----------------------------|-------------|
| Eccentric moment                     | 0-4,340 in-lbs | <b>Clamps:</b>             |             |
| Max. centrifugal force               | 0-326 ton      | Sheet pile clamp           | 350TU       |
| Max. frequency                       | 2,300 rpm      | Transport weight per piece | 5,732 lbs   |
| Max. amplitude excluding 350TU       | 0.59 in        | Double clamps              | 175TC       |
| Max. amplitude including 350TU       | 0.43 in        | Transport weight per piece | 2,866 lbs   |
| Max. static line-pull                | 90 ton         |                            |             |
| Max. pull-down                       | 34 ton         |                            |             |
| Max. operating pressure              | 5,076 psi      | <b>Powerpack:</b>          |             |
| Max. oil flow                        | 365 gal/min    | Model                      | 1600 series |
| Max. hydraulic power                 | 805/1095 kW/HP |                            |             |
| Forced lubrication                   | yes            |                            |             |
| Dynamic weight excluding 350TU       | 14,551 lbs     | <b>Hose set:</b>           |             |
| Dynamic weight including 350TU       | 20,283 lbs     | Length                     | 148 ft      |
| Total weight excluding 350TU & hoses | 22,179 lbs     | Transport weight ( $\pm$ ) | 4,343 lbs   |



| Specificatii :                         |                | ICE 50RF                   |             |
|----------------------------------------|----------------|----------------------------|-------------|
| Moment excentric                       | 0-50 kgm       | <b>menghira:</b>           |             |
| Forta centrifuga maxima                | 0-2900 kN      | menghina pentru palplanse  | 350TU       |
| Frecventa maxima                       | 2300 rpm       | Greutatea de transport pp. | 2600 kg     |
| Amplitudine maxima exclusiva. 350TU    | 15 mm          | menghina dubla             | 175TC       |
| Amplitudine maxima inclusivă. 350TU    | 10,9 mm        | Greutatea de transport pp. | 1300 kg     |
| Tractiune maxima statica               | 800 kN         |                            |             |
| Trage în jos maxima                    | 300 kN         |                            |             |
| Presiune maxima de lucru               | 350 bar        | <b>generatoare:</b>        |             |
| Debit maxim de ulei                    | 1380 l/min     | Model                      | 1600 series |
| Puterea hidraulică maxima              | 805/1095 kW/HP |                            |             |
| Lubrifiere fortata                     | da             |                            |             |
| Greutatea dinamica exclusiva. 350TU    | 6600 kg        | <b>Tip de furtun:</b>      |             |
| Greutatea dinamica inclusivă. 350TU    | 9200 kg        | Lungimea                   | 45 m        |
| Greutatea totala fara. 350TU si funtun | 10060 kg       | Greutatea de transport (±) | 1970 kg     |