

### PINZA SELEZIONATRICE

Grazie al suo design compatto e alle differenti tipologie di chela disponibili, la Pinza Selezionatrice della serie MD è l'attrezzatura indispensabile per la selezione e movimentazione di qualsiasi materiale proveniente da demolizione o raccolto e stoccato nei centri di riciclaggio e discarica. L'elevata robustezza delle strutture consente inoltre di affrontare demolizioni di edifici e strutture a bassa presenza di cemento armato.

### HANDLING, DEMOLITION, RECYCLING GRAPPLE

Thanks to their particularly solid design and different available jaw types, the MD Grapple Series is well suited for demolition of brick and wood structures. These grapples are extremely effective for sorting and loading a variety of different materials as found in demolition debris, waste and recycling operations.

### PINCE DE TRI, MANUTENTION, DÉMOLITION

Grâce à son design particulièrement Robuste et aux différents types de mâchoires disponibles, la série MD convient parfaitement à la démolition de structures en brique et en bois. Ces grappins sont extrêmement efficaces pour trier et charger les différentes variétés de matériaux que l'on trouve sur les chantiers de démolition et le tri de déchets.

| MODEL  | t min | t optimal | t max |
|--------|-------|-----------|-------|
| MD 45  | 1,5   | 2 / 5     | 6*    |
| MD 65  | 3     | 4 / 8     | 9*    |
| MD 100 | 5     | 6 / 10    | 11*   |
| MD 120 | 8     | 9 / 13    | 14*   |
| MD 140 | 10    | 12 / 16   | 18*   |
| MD 180 | 13    | 15 / 23   | 26*   |
| MD 210 | 17    | 20 / 27   | 31*   |
| MD 290 | 22    | 26 / 33   | 38*   |
| MD 350 | 28    | 32 / 43   | 49*   |
| MD 410 | 34    | 40 / 52   | 59*   |
| MD 610 | 41    | 48 / 60   | 68*   |

Accoppiamento peso escavatore  
Excavator weight range  
Couplage poids équipement / pelle

\* Application handling only

|         | MODEL             |  |  |  |  |
|---------|-------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|         |                   | l/min                                                                               | bar                                                                                 | l/min                                                                               | bar                                                                                 |
|         | MD 45             | 2 / 5                                                                               | 120                                                                                 | 8 / 12                                                                              | 200 / 250                                                                           |
| UPDATED | MD 65             | 5 / 15                                                                              | 120                                                                                 | 20 / 25                                                                             | 200 / 300                                                                           |
|         | MD 100            | 5 / 15                                                                              | 120                                                                                 | 25 / 30                                                                             | 230 / 320                                                                           |
|         | MD 120            | 5 / 15                                                                              | 120                                                                                 | 30 / 40                                                                             | 320                                                                                 |
|         | MD 140            | 10 / 20                                                                             | 120                                                                                 | 40 / 50                                                                             | 320                                                                                 |
|         | MD 180            | 15 / 25                                                                             | 120                                                                                 | 50 / 60                                                                             | 320                                                                                 |
|         | MD 210            | 15 / 25                                                                             | 120                                                                                 | 80 / 100                                                                            | 320                                                                                 |
|         | MD 290            | 15 / 25                                                                             | 120                                                                                 | 100 / 120                                                                           | 320                                                                                 |
|         | MD 350 <b>NEW</b> | 15 / 25                                                                             | 120                                                                                 | 100 / 120                                                                           | 320                                                                                 |
|         | MD 410            | 50 / 60                                                                             | 120                                                                                 | 100 / 120                                                                           | 320                                                                                 |
|         | MD 610            | 60 / 70                                                                             | 120                                                                                 | 120 / 140                                                                           | 320                                                                                 |

# HANDLING, DEMOLITION, RECYCLING GRAPPLE

# MD



**11**  
MODELS

**2**  
JAWS KIT

- › Doppio motore (da MD140 a MD350)
- › Ralla di grande diametro per una maggiore affidabilità anche in applicazioni gravose
- › Chiusura sincronizzata delle ganasce
- › Lama imbullonata reversibile e intercambiabile
- › Cilindri idraulici dotati di sistema di frenatura
- › Elevata forza di presa/serraggio
- › Facile manutenzione



- › Double rotation motor (from MD140 to MD350)
- › Wide bearing for even the most demanding of applications producing greater reliability and longer life time
- › Synchronized jaws closing designed for severe duty applications
- › Bolt-on reversible & easy interchangeable cutting edges
- › Powerful hydraulic/s cylinder/s with brake system on opening stroke
- › Maximum loading performance and high gripping force
- › Easy maintenance

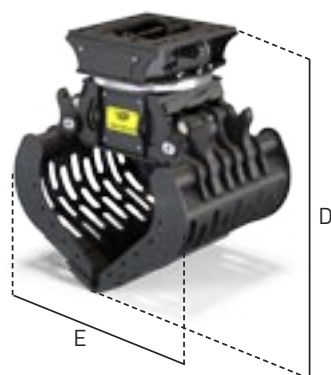
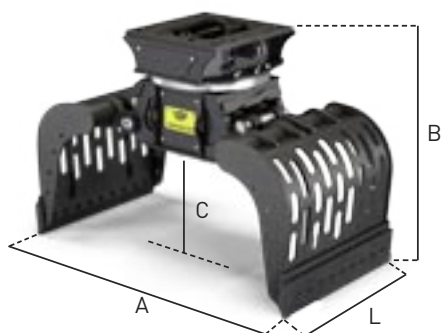


- › Avec double moteurs de rotation (de MD140 à MD350)
- › Couronne de rotation large pour répondre aux applications les plus exigeantes permettant une plus grande fiabilité soit une durée de vie plus longue
- › Fermeture synchronisée des mâchoires conçue pour les applications sévères
- › Contre lames boulonnées interchangeables facilement
- › Vérin/s hydraulique/s puissant avec système de frein amortisseur fin de course en ouverture
- › Performance de chargement maximale et force de préhension élevée
- › Maintenance facile



## S - Standard

|         | MODEL             | Jaws Type | Total<br>kg | A    | B    | C   | D    | E    | L       | L    | ISO<br>m³ |
|---------|-------------------|-----------|-------------|------|------|-----|------|------|---------|------|-----------|
|         |                   |           |             | mm   | mm   | mm  | mm   | mm   | t       | mm   | m³        |
| UPDATED | MD 45             | S         | 130         | 955  | 670  | 300 | 730  | 630  | 1 / 1,3 | 400  | 0,06      |
|         | MD 65             | S         | 285         | 1250 | 921  | 413 | 1001 | 817  | 1 / 1,5 | 500  | 0,12      |
|         | MD 100            | S         | 420         | 1553 | 1024 | 481 | 1140 | 986  | 1,4 / 2 | 600  | 0,2       |
|         | MD 120            | S         | 580         | 1679 | 1095 | 508 | 1215 | 1121 | 2,3     | 700  | 0,3       |
|         | MD 140            | S         | 840         | 1800 | 1205 | 553 | 1358 | 1174 | 3,1     | 800  | 0,4       |
|         | MD 180            | S         | 1040        | 1870 | 1216 | 566 | 1402 | 1178 | 6       | 900  | 0,45      |
|         | MD 210            | S         | 1285        | 1930 | 1260 | 600 | 1412 | 1255 | 7       | 1000 | 0,6       |
|         | MD 290            | S         | 1855        | 2260 | 1480 | 690 | 1685 | 1500 | 9       | 1200 | 1         |
|         | MD 350 <b>NEW</b> | S         | 2300        | 2400 | 1550 | 733 | 1750 | 1622 | 10,5    | 1300 | 1,2       |
|         | MD 410            | S         | 2800        | 2500 | 1745 | 765 | 1970 | 1670 | 12      | 1400 | 1,4       |
|         | MD 610            | S         | 3820        | 3000 | 1980 | 875 | 2255 | 1955 | 14      | 1500 | 2,2       |



## OPTIONAL

### Il Kit Optional per ogni esigenza

Scopri i nuovi kit optional

### The Optional Kit for every need

Discover the new optional kits

### Ajoutez le kit optionnel pour chaque besoin

Découvrez les nouveaux kits optionnels

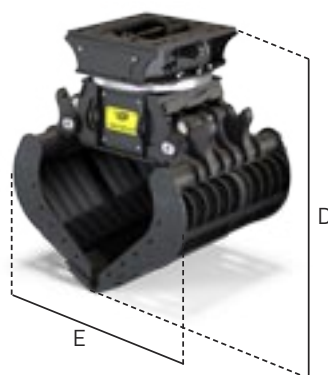
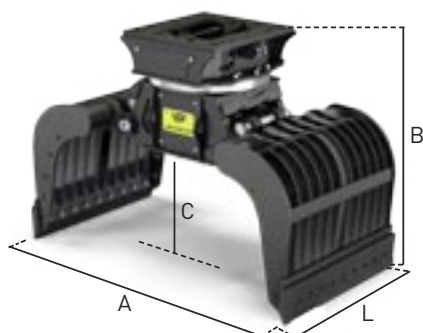


### CLAMSHELL KIT



## D - Demolition

|         | MODEL            | Jaws Type | Total | A    | B    | C   | D    | E    | L       | L    | ISO            |
|---------|------------------|-----------|-------|------|------|-----|------|------|---------|------|----------------|
|         |                  |           | kg    | mm   | mm   | mm  | mm   | mm   | t       | mm   | m <sup>3</sup> |
| UPDATED | MD 65            | D         | 300   | 1250 | 921  | 413 | 1001 | 817  | 1 / 1,5 | 500  | 0,12           |
|         | MD 100           | D         | 435   | 1553 | 1024 | 481 | 1140 | 986  | 1,4 / 2 | 600  | 0,2            |
|         | MD 120           | D         | 615   | 1679 | 1095 | 508 | 1215 | 1121 | 2,3     | 700  | 0,3            |
|         | MD 140           | D         | 875   | 1800 | 1205 | 553 | 1358 | 1174 | 3,1     | 800  | 0,4            |
|         | MD 180           | D         | 1060  | 1870 | 1216 | 566 | 1402 | 1178 | 6       | 900  | 0,45           |
|         | MD 210           | D         | 1365  | 1930 | 1350 | 600 | 1500 | 1255 | 7       | 1000 | 0,6            |
|         | MD 290           | D         | 2155  | 2260 | 1480 | 690 | 1685 | 1500 | 9       | 1200 | 1              |
|         | MD350 <b>NEW</b> | D         | 2650  | 2400 | 1550 | 733 | 1750 | 1622 | 10,5    | 1300 | 1,2            |
|         | MD 410           | D         | 3265  | 2505 | 1745 | 765 | 1970 | 1670 | 12      | 1400 | 1,4            |
|         | MD 610           | D         | 4458  | 3000 | 1980 | 875 | 2255 | 1955 | 14      | 1500 | 2,2            |



**TEETH KIT**



**GRIPPING KIT**





**SMALL SIZE.  
BIG PERFORMANCE.**



- ▶ **NEW MODELS**
- ▶ **NEW DESIGN**
- ▶ **NEW PERFORMANCE**



A DIFFERENT WAY