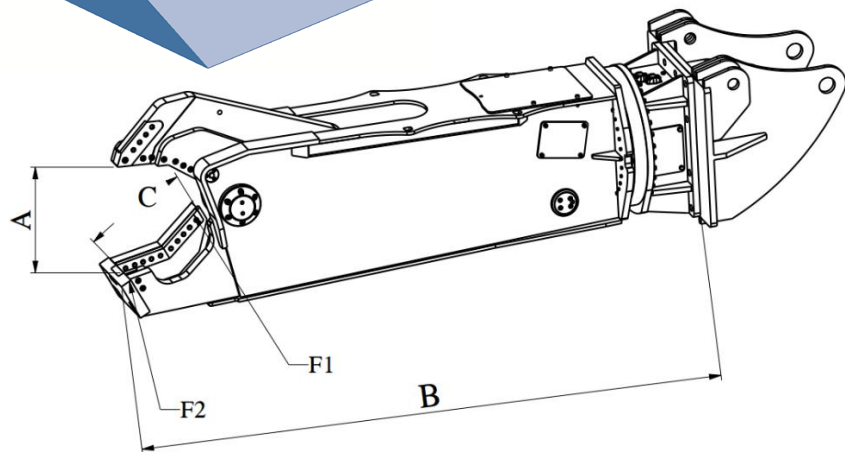




**HARDOX®**

# HS SERIES

## HYDRAULIC SHEARS SERIES

| MODEL                                                                               | UM    | HS 6   | HS 12   | HS 20   | HS 25   | HS 35   | HS 40   | HS 55   | HS 70   | HS 80   | HS 100  | HS 120  |
|-------------------------------------------------------------------------------------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Excavator Weight (Bucket Position)                                                  | ton   | 7/12   | 12/18   | 18/30   | 26/34   | 34/40   | 40/50   | 50/70   | 70/100  | 80/110  | 90/120  | 100/130 |
| Excavator Weight (Arm Position)                                                     | ton   | 4/7    | 7/10    | 14/18   | 16/22   | 22/30   | 26/35   | 30/45   | 45/60   | 50/70   | 70/90   | 90/110  |
| Equipment Weight                                                                    | kg    | 640    | 1250    | 2030    | 2530    | 3200    | 3910    | 5630    | 6900    | 7800    | 9950    | 11500   |
| A                                                                                   | mm    | 365    | 440     | 470     | 550     | 590     | 680     | 800     | 850     | 880     | 920     | 950     |
| B                                                                                   | mm    | 1880   | 2450    | 3040    | 3060    | 3520    | 3660    | 4100    | 4700    | 4800    | 5000    | 5300    |
| C                                                                                   | mm    | 240    | 400     | 500     | 510     | 590     | 600     | 690     | 800     | 830     | 900     | 950     |
| Torque setting F1                                                                   | ton   | 210    | 300     | 390     | 500     | 700     | 800     | 1000    | 1100    | 1200    | 1300    | 1500    |
| Torque setting F2                                                                   | ton   | 60     | 65      | 90      | 120     | 150     | 165     | 220     | 230     | 240     | 270     | 280     |
| Oil Pressure                                                                        | bar   | 250    | 310     | 320     | 320     | 320     | 330     | 330     | 330     | 330     | 340     | 340     |
| Required Oil Supply                                                                 | l/min | 80/100 | 150/220 | 200/220 | 200/240 | 240/300 | 300/350 | 350/450 | 350/400 | 400/500 | 500/800 | 700/900 |
| Rotation Oil Pressure                                                               | bar   | 60     | 60      | 60      | 60      | 60      | 60      | 100     | 100     | 100     | 100     | 100     |
| Rotation Oil Required                                                               | l/min | 10     | 30      | 30      | 30      | 30      | 30      | 60      | 60      | 60      | 60      | 60      |
| Hydraulic Rotation                                                                  |       | 360°   | 360°    | 360°    | 360°    | 360°    | 360°    | 360°    | 360°    | 360°    | 360°    | 360°    |
|  | mm    | 25     | 40      | 50      | 52      | 55      | 70      | 80      | 85      | 90      | 120     | 140     |
|  | mm    | 100    | 160     | 300     | 340     | 380     | 450     | 530     | 550     | 600     | 800     | 950     |
|  | mm    | 100    | 120     | 200     | 220     | 250     | 300     | 380     | 400     | 450     | 550     | 630     |
|  | mm    | 6      | 8       | 13      | 14      | 16      | 20      | 20      | 22      | 25      | 30      | 35      |
|  | mm    | 25     | 30      | 40      | 45      | 50      | 60      | 70      | 75      | 80      | 100     | 120     |
| HOSE                                                                                | mm    | 150    | 180     | 250     | 270     | 300     | 400     | 500     | 520     | 550     | 650     | 750     |
| CONCRETE                                                                            | mm    | 200    | 220     | 300     | 350     | 400     | 500     | 580     | 590     | 600     | 700     | 800     |