# MONARCH INDUSTRIAL PRODUCTS (I) PVT. LTD.

## ESTIMATE CALCULATOR

Crusher backing Compound
KrushMore
Heavy Duty Crushing Compound

**Number of Kits per Application**
**Approximate number of( 10 kg) of MONARCH Backing Material required for Crushers**

Crusher backing Compound
KrushMore
Heavy Duty Crushing Compound

### 1 ) NORDBERG® PRIMARY GYRATORY CRUSHERS

| Crusher Size | HD 42-70 | HD 54-80 | HD 60-102 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 24 | 39 | 49 | | | | | | | | | |
| Concave | 69 | 119 | 177 | | | | | | | | | |
| TOTAL | 93 | 158 | 226 | | | | | | | | | |

### 2 ) NORDBERG® WATER FLUSH SYSTEM

| Crusher Type | WF 500 | WF 800 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 5 | 8 | | | | | | | | | | |
| Bowl | 14 | 40 | | | | | | | | | | |
| Bowl – using fi ller blocks | — | 20 | | | | | | | | | | |
| TOTAL | 19 | 68 | | | | | | | | | | |

### 3) ALLIS-CHALMERS CRUSHERS

Superior

| Crusher Size | 13-36 | 16-50 | 24-60 | 30-55 | 30-70 | 36-55 | 42-65 | 48-74 | 54-74 | 60-89 | 60-109 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 5 | 17 | 18 | 16 | 24 | 27 | 37 | 46 | 46 | 66 | 90 | |
| Concave Ring | 5 | 26 | 41 | 48 | 46 | 70 | 95 | 110 | 173 | 190 | 220 | |
| Total | 10 | 43 | 59 | 64 | 70 | 97 | 132 | 156 | 219 | 256 | 310 | |

Hydrocone

| Crusher Size | 36" | 45" | 51" | 60" | 84" | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 4½ | 5 | 6 | 22 | | | | | | | |
| Concave Ring | - | 9 | 14 | 36 | 43 | | | | | | | |
| Total | 1 | 13 .1/2 | 19 | 42 | 65 | | | | | | | |

### 4) TELSMITH GYRASPHERE® CRUSHERS

Style S

| Crusher Size | 24 | 36 | 367 | 48 | 489 | 66 | 6614 | 1100 | 1100 SX | 1300 | 1500 | 1500 SX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1½ | 2 | 2 | 4½ | 4½ | 4 | 9½ | 2 | 2 | 4 | 5 | 6 |
| Concave Ring | 1 | 1¾ | 1¾ | 4 | 4 | 5½ | 17½ | – | – | – | 5 | – |
| Medium | | | | | | | | 4½ | 4½ | – | – | 6 |
| Coarse | | | | | | | | 4 | 4 | 4 | – | 5 |
| Total | 3 | 4 | 4 | 9 | 9 | 10 | 27 | 11 | 11 | 8 | 10 | 17 |

" FC " Style

| Crusher Size | 24 | 36 | 367 | 48 | 489 | 66 | 6614 | 1100 | 1100 SX | 1300 | 1500 | 1500 SX |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1¾ | 2 | – | **2** | – | **9½** | – | **2** | – | – | **5** | – |
| Concave Ring | 1 | 1¾ | – | **3½** | – | **12** | – | – | – | – | **5** | – |
| Medium | | | | | | | | **4** | – | – | – | – |
| Coarse | | | | | | | | **3** | – | – | – | – |
| Total | 3 | 4 | – | **6** | – | **23** | – | **9** | | | **10** | |

### 5) SYMONS® CONE CRUSHERS

Standard Cone Crusher

| Crusher Size | 2' | 3' | 4' | 4¼' | 5' | 5½ | 7' | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 2½ | 3½ | 4 | 3½ | 7½ | 12 | | | | | |
| Bowl Liner | 1 | 1½ | 3½ | 4½ | 5 | 7½ | 15 | | | | | |
| Total | 2 | 4 | 7 | 9 | 9 | 15 | 27 | | | | | |

Short-Head® Cone Crusher

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 1½ | 2 | 2 | 2½ | 3½ | 6½ | | | | | |
| Bowl Liner | 1 | 1½ | 3 | 2½ | 5 | 6 | 9 | | | | | |
| Total | 2 | 3 | 5 | 5 | 7 | 10 | 16 | | | | | |

### 6) EL-JAY ROLLERCONE® CRUSHERS

| Crusher Size | 2' | 3' | 4' | 4¼' | 5' | 5½ | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 2½ | 3½ | 1½ | 2 | 2 | | | | | | |
| Bowl Liner | 1 | 1½ | 3½ | 3 | 4 | 4 | | | | | | |
| Total | 2 | 4 | 7 | 5 | 6 | 6 | | | | | | |

### 7) PIONEER CONE CRUSHERS

| Crusher Size | 36" Standard | 36" Fine Head | 45" Standard | 45" Fine Head | 48" Standard | 48" Fine Head | 54" Standard | 54" Fine Head | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 1 | 1½ | 1½ | 2 | 2 | 2 | 2 | | | | |
| Bowl Liner | 1½ | 1½ | 3 | 3 | 4 | 4 | 4 | 4 | | | | |
| Total | 3 | 3 | 5 | 5 | 6 | 6 | 6 | 6 | | | | |

### 8) TRAYLOR "TY" CRUSHERS

| Crusher Size | 2' | 3' | 4' | 4¼' | 5' | 5½ | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 2½ | 3½ | 1½ | 2 | 2 | | | | | | |
| Bowl Liner | 1 | 1½ | 3½ | 3 | 4 | 4 | | | | | | |
| Total | 2 | 4 | 7 | 5 | 6 | 6 | | | | | | |

### 9) TRAYLOR "TC" CRUSHERS

| Crusher Size | 2' | 3' | 4' | 4¼' | 5' | 5½ | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | 1 | 2½ | 3½ | 1½ | 2 | 2 | | | | | | |
| Bowl Liner | 1 | 1½ | 3½ | 3 | 4 | 4 | | | | | | |
| Total | 2 | 4 | 7 | 5 | 6 | 6 | | | | | | |

### 10) Sandvik

| Crusher Size Type | CH 420 | CH 430 | CH 440 | CH 660 | CH 870 | CH 880 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | | | | | | | | | | | | |
| Bowl Liner | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |

### 11) Nawa

| Crusher Size Type | 3000 RBC | 3000 GLH | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | | | | | | | | | | | | |
| Bowl Liner | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |

### 12) Voltas Pegson

| Crusher Size Type | 1000 MAXTRAK | 1000 SR | 1300 MAXTRAK | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | | | | | | | | | | | | |
| Bowl Liner | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |

### 13) Metso

| Crusher Size Type | GP3005 | HP200 | HP300 | HP400 | HP500 | HP800 | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mantle | | | | | | | | | | | | |
| Bowl Liner | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |