



Mining | Power Plant | Coal | Metallurgy | Chemical

**WX[R]**  
Heavy Duty Slurry Pump





## WX(R) Heavy Duty Slurry Pump

WX(R) hard metal/rubber heavy duty slurry pumps are designed for the most difficult pumping applications for highly abrasive, high density or erosive slurries.

Extra thick sections at wear point and perfect Impeller structure ensures satisfactory performance with long life, and needs minimum maintenance requirements.

Rubber lined pump expand applications to chemical products handling, several different rubber options are available to meet different application needs.

Especially fit in aggressive applications like mill discharge, tailing transportation.

- Pump Range : 1" ~ 18"
- Capacity to : 5400m<sup>3</sup>/h
- Head to : 68m

## Clear Water Performance

| WX(R) Clear Water Performance |                    |          |          |                         |          |           |                     |         |          |
|-------------------------------|--------------------|----------|----------|-------------------------|----------|-----------|---------------------|---------|----------|
| Model                         | Max.Motor Power Kw | Material |          | Clear Water Performance |          |           |                     |         |          |
|                               |                    | Liner    | Impeller | Capacity                |          | Head H(m) | Pump speed n(r/min) | Eff. η% | NPSH (m) |
|                               |                    |          |          | (m <sup>3</sup> /hr)    | (l/s)    |           |                     |         |          |
| 1.5x1B-WX                     | 15                 | M        | M        | 12.6~28.8               | 3.5~8    | 6~68      | 1200~3800           | 40      | 2~4      |
|                               |                    | RU       | RU       | 10.8~25.2               | 3~7      | 7~52      | 1400~3400           | 35      | 2~4      |
| 2x1.5B-WX                     | 15                 | M        | M        | 32.4~72                 | 9~20     | 6~58      | 1200~3200           | 45      | 3.5~8    |
|                               |                    | RU       | RU       | 25.2~54                 | 7~15     | 5.5~41    | 1000~2600           | 50      | 2.5~5    |
| 3x2C-WX                       | 30                 | M        | M        | 39.6~86.4               | 11~24    | 12~64     | 1300~2700           | 55      | 4~6      |
|                               |                    | RU       | RU       | 36~75.6                 | 10~21    | 13~39     | 1300~2100           | 55      | 2~4      |
| 4x3C-WX                       | 30                 | M        | M        | 86.4~198                | 24~55    | 9~52      | 1000~2200           | 71      | 4~6      |
| 4x3D-WX                       | 60                 |          |          |                         |          |           |                     |         |          |
| 4x3C-WX                       | 30                 | RU       | RU       | 79.2~180                | 22~50    | 5~34.5    | 800~1800            | 59      | 3~5      |
| 4x3D-WX                       | 60                 |          |          |                         |          |           |                     |         |          |
| 6x4D-WX                       | 60                 | M        | M        | 162~360                 | 45~100   | 12~56     | 800~1550            | 65      | 5~8      |
| 6x4E-WX                       | 120                |          |          |                         |          |           |                     |         |          |
| 6x4D-WX                       | 60                 | RU       | RU       | 144~324                 | 40~90    | 12~45     | 800~1350            | 65      | 3~5      |
| 6x4E-WX                       | 120                |          |          |                         |          |           |                     |         |          |
| 8x6E-WX                       | 120                | M        | M        | 360~828                 | 100~230  | 10~61     | 500~1140            | 72      | 2~9      |
| 8x6R-WX                       | 300                |          |          |                         |          |           |                     |         |          |
| 8x6E-WX                       | 120                | RU       | RU       | 32~720                  | 90~200   | 7~49      | 400~1000            | 65      | 5~10     |
| 8x6R-WX                       | 300                |          |          |                         |          |           |                     |         |          |
| 10x8ST-WX                     | 560                | M        | M        | 612~1368                | 170~380  | 11~61     | 400~850             | 71      | 4~10     |
|                               |                    | RU       | RU       | 540~1188                | 150~330  | 12~50     | 400~750             | 75      | 4~12     |
| 12x10ST-WX                    | 560                | M        | M        | 936~1980                | 260~550  | 7~68      | 300~800             | 82      | 6        |
|                               |                    | RU       | RU       | 720~1620                | 200~450  | 7~45      | 300~650             | 80      | 2.5~7.5  |
| 14x12ST-WX                    | 560                | M        | M        | 1260~2772               | 350~770  | 13~63     | 300~600             | 77      | 3~10     |
|                               |                    | RU       | RU       | 1152~2520               | 320~700  | 13~44     | 300~500             | 79      | 3~8      |
| 16x14TU-WX                    | 1200               | M        | M        | 1368~3060               | 380~850  | 11~63     | 250~550             | 79      | 4~10     |
|                               |                    | RU       | RU       | 1260~2880               | 350~800  | 12~42.5   | 250~450             | 80      | 4~8      |
| 20x18TU-WX                    | 1200               | M        | M        | 2520~5400               | 700~1500 | 13~57     | 200~400             | 85      | 5~10     |
|                               |                    | RU       | RU       | 1800~4680               | 500~1300 | 13~44     | 200~350             | 80      | 2~7      |

1.Recommend 50%Q' ≤ Q ≤ 110%Q', (Q' ≈ Capacity at Max. eff. point) 2. M means metal, R means rubber