

The filter press is an intermittent dewatering process. Each press operation includes the following steps:

1- Closing of the press: as the filter is completely empty, the moving head activated by the jacks calmps the plates.

2- Filling: For sludge having good filter ability it is best to fill the filter very quickly so as to avoid the formation of a cake in the first chamber before the last ones have been filled.

3- Filtration: When the filtration pump has stopped, the filtrate circuits and central duct, which is still filled with liquid sludge, are purged by compressed air.

4- Filter opening: The moving head is drawn back to disengage the first filtration chamber. The cake falls has a result of his own weight. A mechanised system pulls out the plates one by one.

5- Washing: Washing of clothes should be carried out every 15-30 processing oprations. For mid- or large units this take place on press using water sprayers at very high pressure (80-100 bar).

| | | | | | | | | |
|----------------|----|---------|----|------|----|-----|-----|------|
| XYZ30/870-30U | 30 | 870*870 | 30 | 427 | 23 | 0.6 | 2.2 | 3046 |
| XYZ40/870-30U | 40 | | | 534 | 29 | | | 3593 |
| XYZ50/870-30U | 50 | | | 748 | 38 | | | 4057 |
| XYZ60/870-30U | 60 | | | 902 | 46 | | | 4597 |
| XYZ70/870-30U | 70 | | | 1056 | 54 | | | 5136 |
| XYZ80/870-30U | 80 | | | 1210 | 62 | | | 5636 |
| XYZ50/1000-30U | 50 | 1000* | 30 | 752 | 28 | 0.6 | 4.0 | 4128 |
| XYZ60/1000-30U | 60 | 1000 | | 908 | 34 | | | 4636 |

| | | | | | | | | |
|-----------------|-----|--|--|------|----|--|--|------|
| XYZ70/1000-30U | 70 | | | 1063 | 40 | | | 5143 |
| XYZ80/1000-30U | 80 | | | 1219 | 46 | | | 5651 |
| XYZ100/1000-30U | 100 | | | 1505 | 57 | | | 6628 |
| XYZ120/1000-30U | 120 | | | 1816 | 69 | | | 764 |



Abby Song

| | | | |
|---|-----------------|---|---------------------------|
|  | +86-18701854523 |  | +86-18701854523 |
|  | abbasong249 |  | +86-18701854523 |
|  | +86-18701854523 |  | sales1@filterpressure.com |