

THE FIRM

The joint-stock company Áridos el Pinar S. A. - **ARIPIISA** - was established in 1973 to mine a **LIMESTONE-DOLOMITIC** (dolomites) **QUARRY** located at the Arroyo del Pinar in the town of Alhaurín de la Torre, in the Province of Málaga.



Registered Office:

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LOCATION

The **QUARRY** is located in the place of Arroyo del Pinar, with UTM-coordinates X: 359,933 and Y: 4,005,341, in the area of municipality of Alhaurín de la Torre, 2.5 km far from the electric substation of Sevillana which is in the Km 83.673 of the road C-340 Coín-Málaga.

ACTIVITY OF ARIPIISA

Since the beginning, it has been engaged in open pit mining, milling, sorting and selling of aggregates for construction.

It has opening license, granted by the City Council of Alhaurín de la Torre, since June 14th, 1976 (confirmed by judgment of notification at Contentious-Administrative Court number 4 in Málaga, in September 5th, 2001).

It has the obligatory Industrial Register with number 29/00062, since June 29th, 1978.



MATERIAL RESERVES

Since 1980, ARIPIISA owns 25 hectares acquired by exchange, for the operation of an open pit quarry.

Nowadays, there are about 50,000,000 tons reserve of uncrushed material.

PRODUCTION

There are two plants for crushing, milling and screening, with a production rate between 350 and 450 t/h each one, for aggregate 0/40, which result in a rate production of **800 t/h** for this kind of material.

We have a mobile machinery equipment composed by:

- **Three heavy-duty excavators**, two KOMATSU PC-750 and one DOOSAN DX-420LC with hydraulic impact hammer.
- **One bulldozer** KOMATSU D275.
- **Three dumpers**, one CARTERPILLAR-769 D and one KOMATSU-HD325, which are 40 tons net load each one, and one HITACHI EH1100 of 60 tons net load.
- **Two articulated dumpers** VOLVO-A30 of 30 tons net load.
- **Three loading shovels** KOMATSU WA500 series.
- **One drill machine** ATLAS-COPCO ROC-F6.
- **One dual-purpose excavator** KOMATSU SK714.



For BREAKWATER ROCKS and QUARRY HEAD MATERIAL (all-in not crushed), production can be increased to what is needed, because it depends of blasting and the net of drilling, having the possibility for moving more than 2,000 tons/hour.

CLASSIFICATION

Any granulometry (grain size) can be classified, we only need to change the desired sieves at the seven **SCREENS** we have. Even so, most usual sieves we have, according to **CE-MARK**, are:

- Fine aggregate	0/2	to MORTAR	(40 t/h)
- Fine aggregate	0/4 (natural)	to CONCRETE	(100 t/h)
- Fine aggregate	0/4 (white)	to CONCRETE and according to UNE-EN 13043	(250 t/h)
- Combined aggregate	0/5	according to UNE-EN 13043	*
- Coarse aggregate	4/8	to CONCRETE	(40 t/h)
- Coarse aggregate	4/10	to CONCRETE	*
- Coarse aggregate	4/16	to CONCRETE and according to UNE-EN 13043	(200 t/h)
- Coarse aggregate	11/22	to CONCRETE and according to UNE-EN 13043	(140 t/h)
- Coarse aggregate	16/32	according to UNE-EN 13242 and UNE-EN 13043	(30 t/h)
- Combined aggregate	0/32 (Artificial all-in aggregate)	according to UNE-EN 13242	**
- Breakwater rock	1000/3000	according to UNE-EN 13383-1	***



*. - This sizing is alternative production to usual.

**.- Combined aggregate 0/32 (graded crushed aggregates, known as "zahorra artificial") is produced in one plant, so its production can be higher than 350 t/h.

***.- Breakwater rock production depends on blasting and the net used in drilling.